abcam

ab325643

Anti-CD5 antibody [RM1352]

Recombinant | RabMAb | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Multiclonal
Immunogens	The exact immunogen used to generate this antibody is proprietary information.
Clone number	RM1352
Purification technique	Affinity purification Protein A
Concentration	0.488 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human
Dilution info	1/1000
Notes	-

Species	Mouse

Dilution info	1/1000
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/250
Notes	-

Species	Mouse
Dilution info	1/250
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1/500
Notes	-

Species	Mouse
Dilution info	1/500
Notes	-

IP

Tested

Species	Human
Dilution info	1/30
Notes	-

Species	Mouse
Dilution info	1/30

Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Mouse
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target data

See full target information CD5

Function	Lymphoid-specific receptor expressed by all T-cells and in a subset of B-cells known as B1a cells. Plays a role in the regulation of TCR and BCR signaling, thymocyte selection, T-cell effector differentiation and immune tolerance. Acts by interacting with several ligands expressed on B-cells such as CD5L or CD72 and thereby plays an important role in contact-mediated, T-dependent B-cell activation and in the maintenance of regulatory T and B-cell homeostasis. Functions as a negative regulator of TCR signaling during thymocyte development by associating with several signaling proteins including LCK, CD3Z chain, PI3K or CBL (PubMed:1384049, PubMed:1385158). Mechanistically, co-engagement of CD3 with CD5 enhances phosphorylated CBL recruitment leading to increased VAV1 phosphorylation and degradation (PubMed:23376399). Modulates B-cell biology through ERK1/2 activation in a Ca(2+)-dependent pathway via the non-selective Ca(2+) channel TRPC1, leading to IL-10 production (PubMed:27499044).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C

Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are recombinant multiclonals?
Recombinant multiclonals are a mixture of recombinant antibodies co-expressed from a library of heavy and light chains. They offer several advantages including:

- The sensitivity of polyclonal antibodies by recognising multiple epitopes
- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

View our range of recombinant multiclonal antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

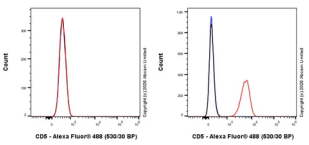
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

21 product images



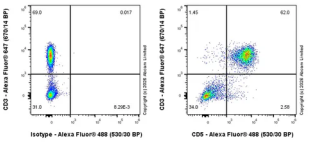
Flow Cytometry - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Flow Cytometry staining using rabbit Anti-CD5 antibody

Flow cytometric analysis of MOLT-4 (human lymphoblastic leukemia T lymphoblast) (Right) HeLa (human cervical adenocarcinoma epithelial cell) (Left) cells labelling CD5 with ab325643 at 1/500 dilution (0.1ug) / Red compared with a Rabbit monoclonal IgG (ab172730) / Black isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells. Negative control: HeLa (PMID:15187131).



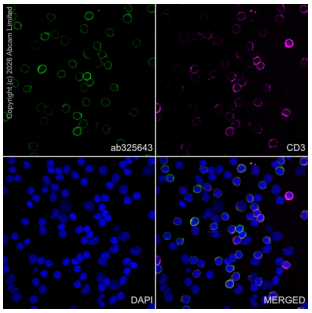
Flow Cytometry - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Flow Cytometry staining of Human PBMC (human peripheral blood mononuclear cell) using rabbit Anti-CD5 antibody

Flow cytometric analysis of Human PBMC (human peripheral blood mononuclear cell) cells labelling CD5 with ab325643 at 1/500 dilution (0.1ug) / Right compared with a Rabbit monoclonal IgG (ab172730) / Left isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells. Cells were co-stained with anti human CD3 conjugated to Alexa Fluor®647.



Immunocytochemistry/ Immunofluorescence - Anti-CD5 antibody [RM1352] (ab325643)

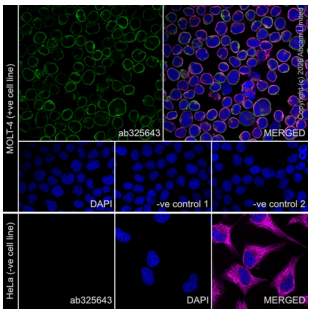
CD5 Immunocytochemistry/ Immunofluorescence staining of Human PBMC (human peripheral blood mononuclear cell) using rabbit Anti-CD5 antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized Human PBMC (human peripheral blood mononuclear cell) cells labelling CD5 with ab325643 at 1/250 (1.92 µg/ml) dilution , followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green).

Confocal image showing membranous staining in human PBMCs(shown in green), which is co-stained with CD3 marker. The counterstain was observed in magenta. Nuclear DNA was labelled with DAPI (shown in blue). Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

Anti-human CD3 mouse monoclonal antibody (Alexa Fluor® 647) was used to counterstain tubulin at 1/100 dilution (Magenta). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-CD5 antibody [RM1352] (ab325643)

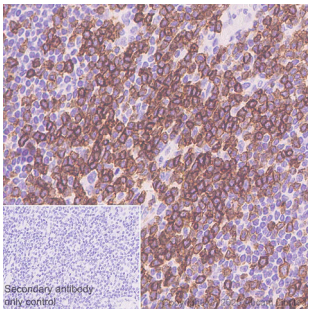
CD5 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-CD5 antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized MOLT-4 (human lymphoblastic leukemia T lymphoblast) HeLa (human cervical adenocarcinoma epithelial cell) cells labelling CD5 with ab325643 at 1/250 (1.92 µg/ml) dilution , followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green).

Confocal image showing membranous staining in MOLT-4 cells and no staining in HeLa cells(shown in green). The counterstain was observed in magenta. Nuclear DNA was labelled with DAPI (shown in blue). Negative control: HeLa (PMID:15187131). Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

ab7291 Anti-alpha Tubulin mouse monoclonal antibody was used to counterstain tubulin at 1/1000 dilution (Magenta). The Nuclear counterstain was DAPI (Blue).

-ve control 1: ab325643 at 1/250 dilution, followed by ab150120 at 1/1000 dilution.-ve control 2: ab7291 at 1/1000 dilution, followed by ab150081 at 1/1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human tonsil using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on human tonsil.

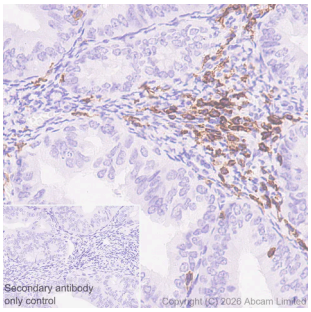
The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human cervical cancer using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on immune cells of human cervical cancer.

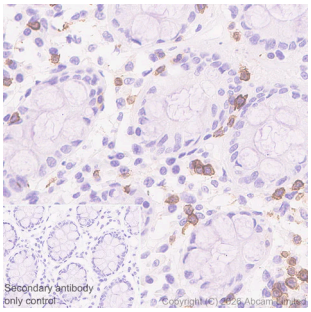
The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human colon using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on immune cells of human colon.

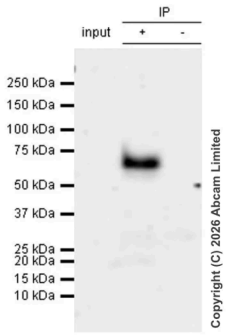
The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunoprecipitation - Anti-CD5 antibody [RM1352] (ab325643)

CD5 was immunoprecipitated from 0.35 mg MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate with ab325643 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab325643 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)(ab131366) was used at 1/5000 dilution.

Lane 1: MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate
Lane 2: ab325643 IP in MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate
Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab325643 in MOLT-4 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 76 seconds.

All lanes:
Immunoprecipitation - Anti-CD5 antibody [RM1352] (ab325643) at 1/1000 dilution

Lane 1:
MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate at 10 µg

Lane 2:
ab325643 at 1/30 IP in MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate

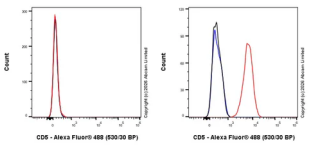
Lane 3:
Rabbit monoclonal IgG (ab172730) instead of ab325643 in MOLT-4 whole cell lysate

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/5000 dilution

Observed band size: 67 kDa

Exposure time: 76s



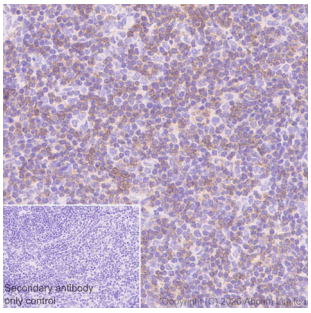
Flow Cytometry - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Flow Cytometry staining using rabbit Anti-CD5 antibody

Flow cytometric analysis of EL4 (mouse lymphoma T lymphocyte) (Right) A20 (mouse reticulum sarcoma B lymphocyte) (Left) cells labelling CD5 with ab325643 at 1/500 dilution (0.1ug) / Red compared with a Rabbit monoclonal IgG (ab172730) / Black isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells. Negative control: A20.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse spleen using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on mouse spleen.

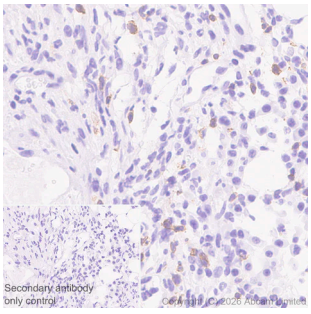
The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse lung cancer using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Mouse lung cancer tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on mouse lung cancer.

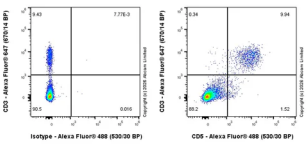
The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



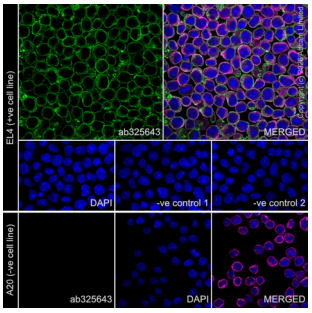
Flow Cytometry - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Flow Cytometry staining of Mouse PBMC using rabbit Anti-CD5 antibody

Flow cytometric analysis of Mouse PBMC cells labelling CD5 with ab325643 at 1/500 dilution (0.1ug) / Right compared with a Rabbit monoclonal IgG (ab172730) / Left isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells. Cells were co-stained with anti mouse CD3 conjugated to Alexa Fluor®647.



Immunocytochemistry/ Immunofluorescence - Anti-CD5 antibody [RM1352] (ab325643)

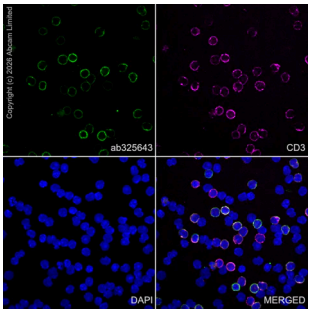
CD5 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-CD5 antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized EL4 (mouse lymphoma T lymphocyte) A20 (mouse reticulum sarcoma B lymphocyte) cells labelling CD5 with ab325643 at 1/250 (1.92 µg/ml) dilution , followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green).

Confocal image showing membranous staining in EL4 cells and no staining in A20 cells(shown in green). The counterstain was observed in magenta. Nuclear DNA was labelled with DAPI (shown in blue). Negative control: A20. Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

ab7291 Anti-alpha Tubulin mouse monoclonal antibody was used to counterstain tubulin at 1/1000 dilution (Magenta). The Nuclear counterstain was DAPI (Blue).

-ve control 1: ab325643 at 1/250 dilution, followed by ab150120 at 1/1000 dilution.-ve control 2: ab7291 at 1/1000 dilution, followed by ab150081 at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-CD5 antibody [RM1352] (ab325643)

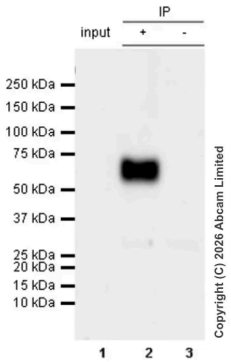
CD5 Immunocytochemistry/ Immunofluorescence staining of Mouse PBMC (mouse peripheral blood mononuclear cell) using rabbit Anti-CD5 antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized Mouse PBMC (mouse peripheral blood mononuclear cell) cells labelling CD5 with ab325643 at 1/250 (1.92 µg/ml) dilution , followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green).

Confocal image showing membranous staining in mouse PBMCs(shown in green), which is co-stained with CD3 marker. The counterstain was observed in magenta. Nuclear DNA was labelled with DAPI (shown in blue). Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

Anti-mouse CD3 rat monoclonal antibody (Alexa Fluor® 647) was used to counterstain tubulin at 1/100 dilution (Magenta). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 dilution.



Immunoprecipitation - Anti-CD5 antibody [RM1352] (ab325643)

CD5 was immunoprecipitated from 0.35 mg EL4 (mouse lymphoma T lymphocyte) whole cell lysate with ab325643 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab325643 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP) (ab131366) was used at 1/5000 dilution.

Lane 1: EL4 (mouse lymphoma T lymphocyte) whole cell lysate
Lane 2: ab325643 IP in EL4 (mouse lymphoma T lymphocyte) whole cell lysate
Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab325643 in EL4 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 32 seconds.

All lanes:
Immunoprecipitation - Anti-CD5 antibody [RM1352] (ab325643) at 1/1000 dilution

Lane 1:
EL4 (mouse lymphoma T lymphocyte) whole cell lysate at 10 µg

Lane 2:
ab325643 at 1/30 IP in EL4 (mouse lymphoma T lymphocyte) whole cell lysate

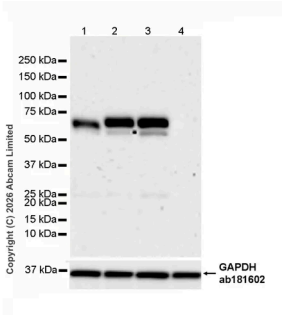
Lane 3:
Rabbit monoclonal IgG (ab172730) instead of ab325643 in EL4 whole cell lysate

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/5000 dilution

Observed band size: 67 kDa

Exposure time: 32s



Western blot - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Western blot staining using rabbit Anti-CD5 antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: HeLa

The expression profile/ molecular weight observed is consistent with what has been described in the literature (PMID:2472278; PMID: 23626783).

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) (1:200000) (36KDa).

All lanes:
Western blot - Anti-CD5 antibody [RM1352] (ab325643) at 1/1000 dilution

Lane 1:
Jurkat (human T cell leukemia T lymphocyte from peripheral blood) whole cell lysate at 20 µg

Lane 2:
MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate at 20 µg

Lane 3:
CCRF-CEM (human peripheral blood T lymphoblast) whole cell lysate at 20 µg

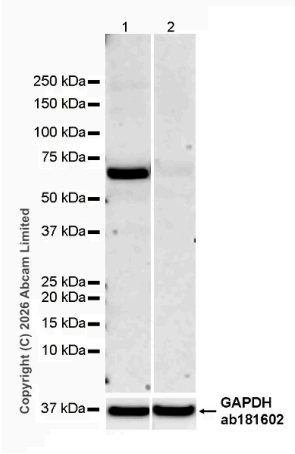
Lane 4:
HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Observed band size: 67 kDa, 36 kDa

Exposure time: 180s



Western blot - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Western blot staining using rabbit Anti-CD5 antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: Skeletal muscle

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) (1:200000) (36KDa).

All lanes:
Western blot - Anti-CD5 antibody [RM1352] (ab325643) at 1/1000 dilution

Lane 1:
Human spleen tissue lysate at 20 µg

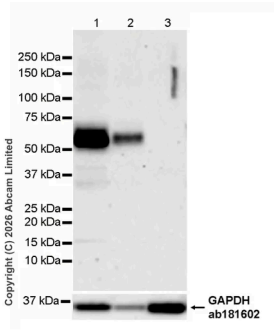
Lane 2:
Human skeletal muscle tissue lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/1000 dilution

Observed band size: 67 kDa, 36 kDa

Exposure time: 180s



Western blot - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Western blot staining using rabbit Anti-CD5 antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: Skeletal muscle

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) (1:200000) (36KDa).

All lanes:
Western blot - Anti-CD5 antibody [RM1352] (ab325643) at 1/1000 dilution

Lane 1:
Mouse thymus tissue lysate at 20 µg

Lane 2:

Mouse lymph node tissue lysate at 20 µg

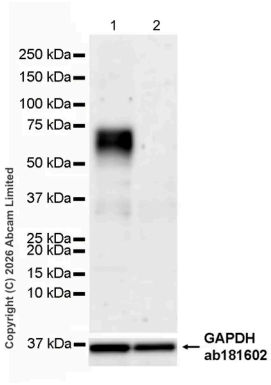
Lane 3:
Mouse skeletal muscle tissue lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Observed band size: 67 kDa, 36 kDa

Exposure time: 180s



Western blot - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Western blot staining using rabbit Anti-CD5 antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: A20 (PMID:19520434).

This blot was developed using a high-sensitivity ECL substrate, allowing for the detection of proteins in the mid-femtogram range.

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) (1:200000) (36KDa).

All lanes:
Western blot - Anti-CD5 antibody [RM1352] (ab325643) at 1/1000 dilution

Lane 1:
EL4 (mouse lymphoma T lymphocyte) whole cell lysate at 20 µg

Lane 2:
A20 (mouse reticulum sarcoma B lymphocyte) whole cell lysate at 20 µg

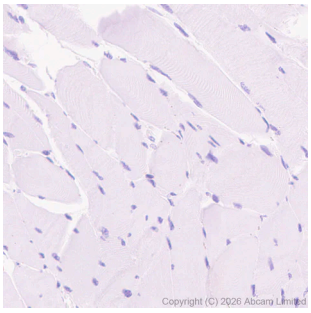
Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Developed using the ECL technique.

Observed band size: 67 kDa, 36 kDa

Exposure time: 103s



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human skeletal muscle using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Human skeletal muscle tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on human skeletal muscle.

The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [RM1352] (ab325643)

CD5 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse skeletal muscle using rabbit Anti-CD5 antibody

Immunohistochemical analysis of paraffin-embedded Mouse skeletal muscle tissue labeling CD5 with ab325643 at 1/1000 (0.48 µg/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on mouse skeletal muscle.

The primary antibody was incubated for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.