abcam

ab324907

Anti-CD30 antibody [mCD30.1]

Recombinant

Key facts

Isotype	IgG
Host species	Armenian hamster
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	mCD30.1
Purification technique	Affinity purification Protein A
Concentration	0.998 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Dot

Tested

Species	Recombinant full length protein - Mouse
Dilution info	1/1000
Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Flow Cyt

Tested

Species	Mouse
Dilution info	1/100
Notes	-

Not recommended

Species	Recombinant full length protein - Mouse
Dilution info	-
Notes	-

ICC/IF

Not recommended

Species	Mouse, Recombinant full length protein - Mouse
Dilution info	-
Notes	-

Target data

See full target information Tnfrsf8

Function	Receptor for TNFSF8/CD30L (PubMed:8543792). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B (By similarity).

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

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Want a custom formulation?
This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com

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

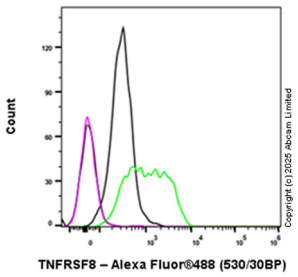
We do not recommend this combination. It is not covered by our product promise.

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.

4 product images



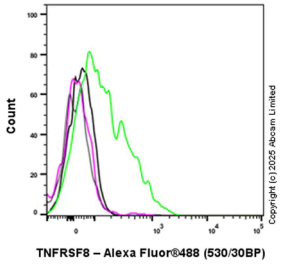
Flow Cytometry - Anti-CD30 antibody [mCD30.1] (ab324907)

CD30 Flow Cytometry staining using armenian hamster Anti-CD30 antibody

Flow cytometric analysis of Mouse spleen cells treated with 1ug/ml of immobilized anti-CD3 and 10ug/ml anti-CD28 for 3 days (Green and Black) / Untreated control (Magenta and Grey) cells labelling CD30 with ab324907 at 1/100 dilution (1ug) (Magenta and Green) compared with a Armenian Hamster monoclonal IgG (Black and Grey) isotype control.

Goat anti-Armenian hamster IgG (Alexa Fluor® 488, ab173003) at 1/5000 dilution was used as the secondary antibody.

Gated on viable CD8 positive cells.



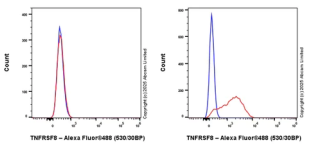
Flow Cytometry - Anti-CD30 antibody [mCD30.1] (ab324907)

CD30 Flow Cytometry staining using armenian hamster Anti-CD30 antibody

Flow cytometric analysis of Mouse spleen cells treated with 2.5ug/ml Concanavalin A for 72 hours (Green and Black) / Untreated control (Magenta and Grey) cells labelling CD30 with ab324907 at 1/100 dilution (1ug) (Magenta and Green) compared with a Armenian Hamster monoclonal IgG (Black and Grey) isotype control.

Goat anti-Armenian hamster IgG (Alexa Fluor® 488, ab173003) at 1/5000 dilution was used as the secondary antibody.

Gated on viable CD8 positive cells.



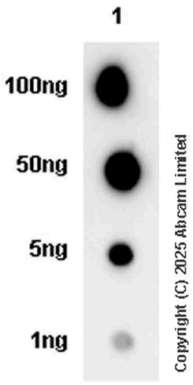
Flow Cytometry - Anti-CD30 antibody [mCD30.1] (ab324907)

CD30 Flow Cytometry staining using armenian hamster Anti-CD30 antibody

Flow cytometric analysis of NIH/3T3 (mouse embryonic fibroblast, Left) / YAC-1 (mouse Moloney leukemia virus induced lymphoma lymphoblast, Right) cells labelling CD30 with ab324907 at 1/100 dilution (1ug) (Red) compared with a Armenian Hamster monoclonal IgG (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue).

Goat anti-Armenian hamster IgG (Alexa Fluor® 488, ab173003) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells.
Negative control: NIH/3T3.



Dot Blot - Anti-CD30 antibody [mCD30.1] (ab324907)

CD30 Dot Blot staining of Recombinant Mouse CD30/TNFRSF8 Fc Chimera Protein using armenian hamster Anti-CD30 antibody

Dot blot analysis of CD30 using ab324907 at 1:1000 (0.998 ug/ml) followed by a Rabbit Anti-Armenian hamster IgG H&L (HRP) (ab5745) at 1:2000 dilution.

Lane1: Recombinant Mouse CD30/TNFRSF8 Fc Chimera Protein

Exposure time: 10 seconds.

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

All lanes:
Dot Blot - Anti-CD30 antibody [mCD30.1] (ab324907) at 1/1000 dilution

All lanes:
Recombinant Mouse CD30/TNFRSF8 Fc Chimera Protein

Secondary

All lanes:
Dot Blot - Rabbit Anti-Armenian hamster IgG H&L (HRP) (ab5745) at 1/2000 dilution

Exposure time: 10s

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