abcam

ab279346

Anti-CD30 antibody [SH313-B5] - Human IgG1 (Chimeric)

Recombinant | 20ul selling size

Key facts

Isotype	IgG1
Host species	Human
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	SH313-B5
Purification technique	Affinity purification Protein A
Concentration	1.137 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

ICC/IF

Tested

Species	Human
Dilution info	1/50
Notes	22.74 µg/ml

Not recommended

Species	Mouse
Dilution info	-
Notes	22.74 µg/ml

Species	Rat
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1/1000
Notes	0.895 µg/ml

Not recommended

Species	Mouse
Dilution info	-
Notes	0.895 µg/ml

Species	Rat
Dilution info	-
Notes	-

WB

Not recommended

Species	Human, Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information TNFRSF8

Function	Receptor for TNFSF8/CD30L (PubMed:8391931). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B (PubMed:8999898).

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

ab279346 is a human monoclonal chimeric antibody.
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.

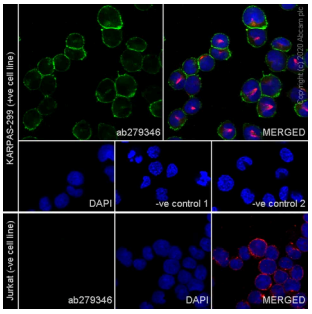
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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.

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3 product images

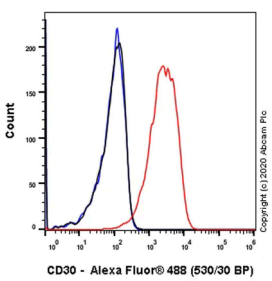


Immunocytochemistry/ Immunofluorescence - Anti-CD30 antibody [SH313-B5] - Human IgG1 (Chimeric) (ab279346)

CD30 Immunocytochemistry/ Immunofluorescence staining using human Anti-CD30 antibody

Immunocytochemical analysis of 100% methanol-fixed, 0.1% TritonX-100 permeabilized KARPAS-299 cells labelling CD30 with ab279346 at 1/50 (22.74 µg/ml) dilution, followed by ab150113 Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing membranous staining in KARPAS-299 cell line. ab179513 Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).
Negative control: Jurkat (PMID: 15920551).

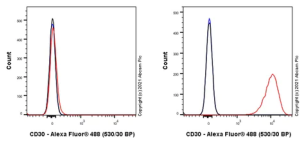
Secondary antibody only control: Secondary antibody is ab150113 Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.



Flow Cytometry - Anti-CD30 antibody [SH313-B5] - Human IgG1 (Chimeric) (ab279346)

CD30 Flow Cytometry staining using human Anti-CD30 antibody

Flow cytometric analysis of KARPAS-299 (Human anaplastic large cell lymphoma) cells labelling CD30 with ab279346 at 1/1000 dilution (0.1µg) (Red) compared with a Human IgG (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat anti human IgG (Alexa Fluor® 488) at 1/2000 dilution was used as the secondary antibody. Gated on viable cells.



Flow Cytometry - Anti-CD30 antibody [SH313-B5] - Human IgG1 (Chimeric) (ab279346)

CD30 Flow Cytometry staining using human Anti-CD30 antibody

Flow cytometric analysis of Jurkat (Human T cell leukemia T lymphocyte) (Left) / HDLM-2 (Human Hodgkin lymphoma) (Right) cells labelling CD30 with ab279346 at 1/1000 dilution (0.1µg) (Red) compared with a Human IgG (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat anti-Human IgG (Alexa Fluor® 488) at 1/2000 dilution was used as the secondary antibody. Gated on viable cells. Negative control: Jurkat.

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