abcam

ab324908

Anti-CD30 antibody [mCD30.1] - BSA and Azide free

Recombinant

Key facts

Isotype	IgG
Host species	Armenian hamster
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Carrier free	Yes
Clone number	mCD30.1
Purification technique	Affinity purification Protein A
Concentration	1.029 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	-
Notes	-

Expected

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

Flow Cyt

Tested

Species	Mouse
Dilution info	-
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 conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze

Notes

ab324908 is the carrier-free version of ab324907.

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.

Conjugation ready
Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with 1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

Compatibility
This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.

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.

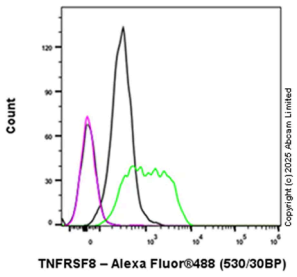
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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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4 product images



Flow Cytometry - Anti-CD30 antibody [mCD30.1] - BSA and Azide free (ab324908)

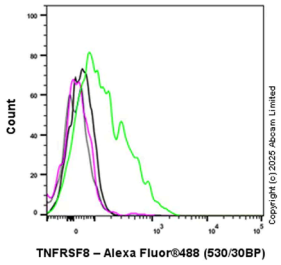
CD30 Flow Cytometry staining using armenian hamster Anti-CD30 antibody

This data was developed using ab324907, the same antibody clone in a different buffer formulation.

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] - BSA and Azide free (ab324908)

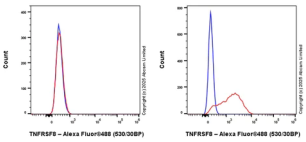
CD30 Flow Cytometry staining using armenian hamster Anti-CD30 antibody

This data was developed using ab324907, the same antibody clone in a different buffer formulation.

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] - BSA and Azide free (ab324908)

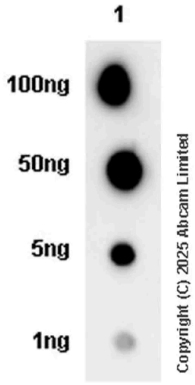
CD30 Flow Cytometry staining using armenian hamster Anti-CD30 antibody

This data was developed using ab324907, the same antibody clone in a different buffer formulation.

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] - BSA and Azide free (ab324908)

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

This data was developed using ab324907, the same antibody clone in a different buffer formulation.

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'.