abcam

ab283586

Anti-CD30 antibody [EPR24238-228] - BSA and Azide free

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
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	EPR24238-228
Purification technique	Affinity purification Protein A

Reactivity data

IP

Not recommended

Species	Human, Mouse, Rat
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	-

Not recommended

Species	Mouse, Rat
Dilution info	-
Notes	-

WB

Not recommended

Species	Mouse, Rat, Human
Dilution info	-
Notes	-

IHC-P

Not recommended

Species	Mouse, Rat, Human
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	-
Notes	-

Not recommended

Species	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 conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

ab283586 is the carrier-free version of ab271127.

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 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.

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

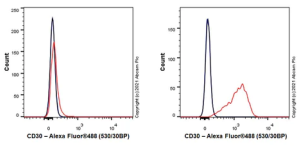
We do not recommend this combination. It is not covered by our product promise.

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

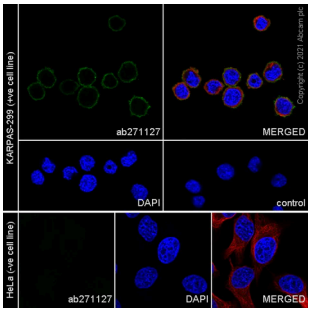


Flow Cytometry - Anti-CD30 antibody [EPR24238-228] - BSA and Azide free (ab283586)

CD30 Flow Cytometry staining using rabbit Anti-CD30 antibody

This data was developed using ab271127, the same antibody clone in a different buffer formulation.
Flow cytometric analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells (Left) and KARPAS-299 (Human anaplastic large cell lymphoma) cells (Right) labelling CD30 with ab271127 at 1/50 dilution (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) (Blue). Goat F(ab')2 Anti-Rabbit IgG (DyLight® 488, ab98507) at 1/500 dilution was used as the secondary antibody. Gated on viable cells.

Negative control: Hela (PMID:11004694).



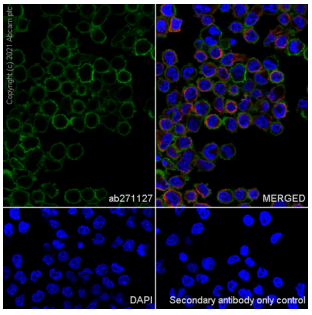
Immunocytochemistry/ Immunofluorescence - Anti-CD30 antibody [EPR24238-228] - BSA and Azide free (ab283586)

CD30 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-CD30 antibody

This data was developed using ab271127, the same antibody clone in a different buffer formulation.
Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized KARPAS-299 cells labelling CD30 with ab271127 at 1/1000 (0.606 ug/ml) dilution, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (ab150081) preadsorbed antibody at 1/1000 (2 ug/ml) dilution (Green). Confocal image showing membranous staining in KARPAS-299 cell line. ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 (2.5 ug/ml) dilution (Red). The Nuclear counterstain was DAPI (Blue).

Negative control: HeLa (PMID: 11004694).

Secondary antibody only control: Secondary antibody is Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (ab150081) preadsorbed at 1/1000 (2 ug/ml) dilution.

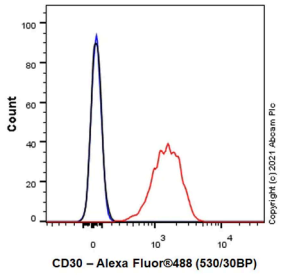


Immunocytochemistry/ Immunofluorescence - Anti-CD30 antibody [EPR24238-228] - BSA and Azide free (ab283586)

CD30 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-CD30 antibody

This data was developed using ab271127, the same antibody clone in a different buffer formulation.
Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized HDLM-2 cells labelling CD30 with ab271127 at 1/1000 (0.606 ug/ml) dilution, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (ab150081) preadsorbed antibody at 1/1000 (2 ug/ml) dilution (Green). Confocal image showing membranous staining in HDLM-2 cell line. ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 (2.5 ug/ml) dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (ab150081) preadsorbed at 1/1000 (2 ug/ml) dilution.



Flow Cytometry - Anti-CD30 antibody [EPR24238-228] - BSA and Azide free (ab283586)

CD30 Flow Cytometry staining using rabbit Anti-CD30 antibody

This data was developed using ab271127, the same antibody clone in a different buffer formulation.
Flow cytometric analysis of HDLM-2 (Human Hodgkin lymphoma) cells labelling CD30 with ab271127 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) (Blue). Goat F(ab')2 Anti-Rabbit IgG (DyLight® 488, ab98507) at 1/500 dilution was used as the secondary antibody. Gated on viable cells.

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