

Product datasheet

Anti-CD30 antibody [EPR24238-228] ab271127

Recombinant **RabMAb**

5 Images

Overview

Product name	Anti-CD30 antibody [EPR24238-228]
Description	Rabbit monoclonal [EPR24238-228] to CD30
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt, ICC/IF Unsuitable for: IHC-P, IP or WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	ICC/IF: KARPAS-299 and HDLM-2 cells. Flow Cyt: HDLM-2 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR24238-228
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab271127 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		1/60.
ICC/IF		1/1000.

Application notes Is unsuitable for IHC-P, IP or WB.

Target

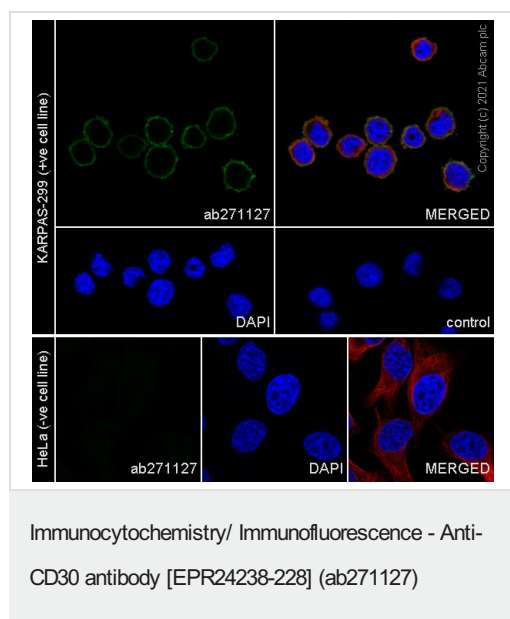
Function Receptor for TNFSF8/CD30L. May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B.

Sequence similarities Contains 6 TNFR-Cys repeats.

Post-translational modifications Phosphorylated on serine and tyrosine residues.

Cellular localization Cytoplasm and Cell membrane.

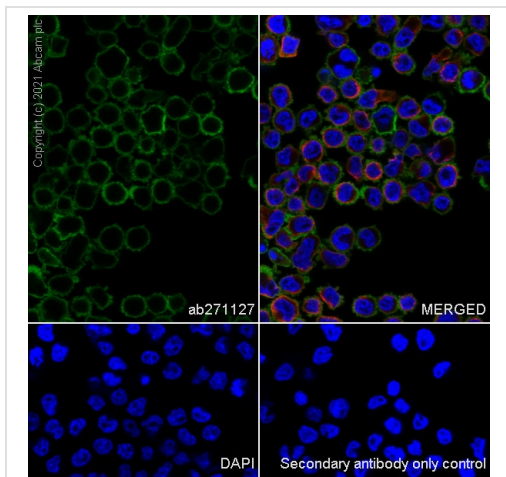
Images



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).

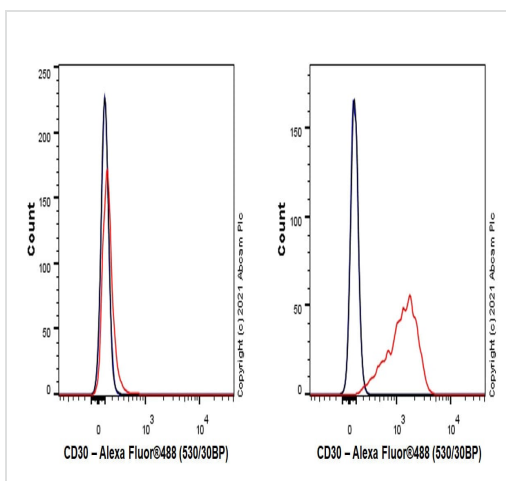
Secondary antibody only control: Secondary antibody is Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150081](#)) preadsorbed at 1/1000 (2 ug/ml) dilution.



Immunocytochemistry/ Immunofluorescence - Anti-CD30 antibody [EPR24238-228] (ab271127)

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).

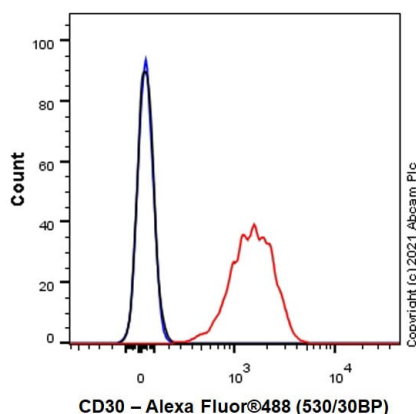
Secondary antibody only control: Secondary antibody is Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150081](#)) preadsorbed at 1/1000 (2 ug/ml) dilution.



Flow Cytometry - Anti-CD30 antibody [EPR24238-228] (ab271127)

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).



Flow cytometric analysis of HDLM-2 (Human Hodgkin lymphoma) cells labelling CD30 with ab271127 at 1/500 dilution (0.1 ug) (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.

Flow Cytometry - Anti-CD30 antibody [EPR24238-228] (ab271127)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CD30 antibody [EPR24238-228] (ab271127)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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