abcam

Product datasheet

Anti-CD134 / OX40L receptor antibody [EPR17Y] - BSA and Azide free ab167545

Recombinant RabMAb

4 Images

Overview

Product name	Anti-CD134 / OX40L receptor antibody [EPR17Y] - BSA and Azide free
Description	Rabbit monoclonal [EPR17Y] to CD134 / OX40L receptor - BSA and Azide free
Host species	Rabbit
Tested applications	**Suitable for:** Flow Cyt, WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide within Human CD134/ OX40L receptor (extracellular). The exact sequence is proprietary.
Positive control	PMBC cell lysates treated with TPA.
General notes	ab167545 is the carrier-free version of **ab76000**. Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency. 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. 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. 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 production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR17Y
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab167545 in the following tested applications.

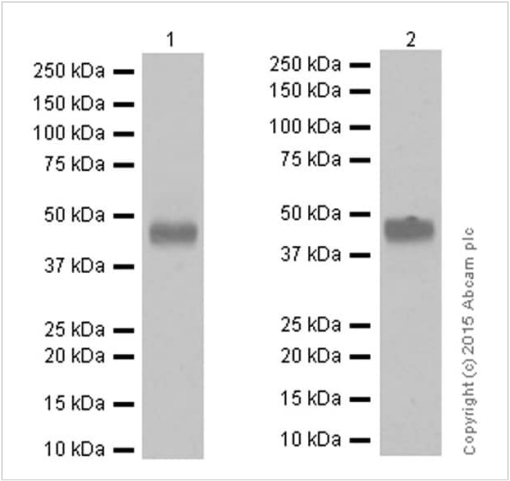
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa (predicted molecular weight: 30 kDa). Detects a band of approximately 45 kDa due to glycoslyation (predicted molecular weight: 30 kDa).

Target

Function	Receptor for TNFSF4/OX40L/GP34.
Sequence similarities	Contains 4 TNFR-Cys repeats.
Cellular localization	Membrane.

Images



Western blot - Anti-CD134 / OX40L receptor antibody [EPR17Y] - BSA and Azide free (ab167545)

All lanes : Anti-CD134 / OX40L receptor antibody [EPR17Y] (**ab76000**) at 1/5000 dilution

Lane 1 : Human lymph node tissue lysate
Lane 2 : Human spleen tissue lysate

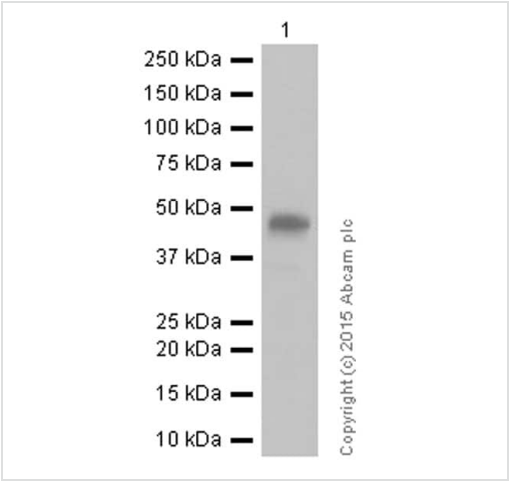
Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/2000 dilution

Predicted band size: 30 kDa
Observed band size: 45 kDa

This data was developed using **ab76000**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-CD134 / OX40L receptor antibody [EPR17Y] - BSA and Azide free (ab167545)

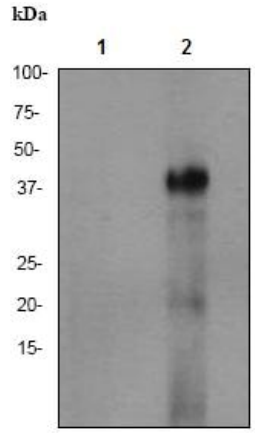
Anti-CD134 / OX40L receptor antibody [EPR17Y] (**ab76000**) at 1/1000 dilution + Human tonsil tissue lysate at 10 µg

Secondary
Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/2000 dilution

Predicted band size: 30 kDa
Observed band size: 45 kDa

This data was developed using **ab76000**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-CD134 / OX40L receptor antibody [EPR17Y] - BSA and Azide free (ab167545)

All lanes : Anti-CD134 / OX40L receptor antibody [EPR17Y] (**ab76000**) at 1/500 dilution (un-purified)

Lane 1 : PBMC cell lysates, untreated
Lane 2 : PBMC cell lysates, treated with TPA

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 30 kDa
Observed band size: 45 kDa

This data was developed using **ab76000**, the same antibody clone in a different buffer formulation.

Note: the actual molecular weight is larger than the predicted due to glycoslyation.

Anti-CD134 / OX40L receptor antibody [EPR17Y] - BSA and Azide free (ab167545)

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