

Product datasheet

Anti-4-1BBL antibody [EPR1172Y] ab68185

Recombinant RabMAb

[1 References](#) [5 Images](#)

Overview

Product name	Anti-4-1BBL antibody [EPR1172Y]
Description	Rabbit monoclonal [EPR1172Y] to 4-1BBL
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human 4-1BBL (C terminal). The exact sequence is proprietary.
Positive control	WB: 293T and Raji cell lysates. IP: HEK293 whole cell lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR1172Y

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab68185 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
WB		1/500 - 1/2000. Detects a band of approximately 25 kDa (predicted molecular weight: 27 kDa).
IP		1/40 - 1/50.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

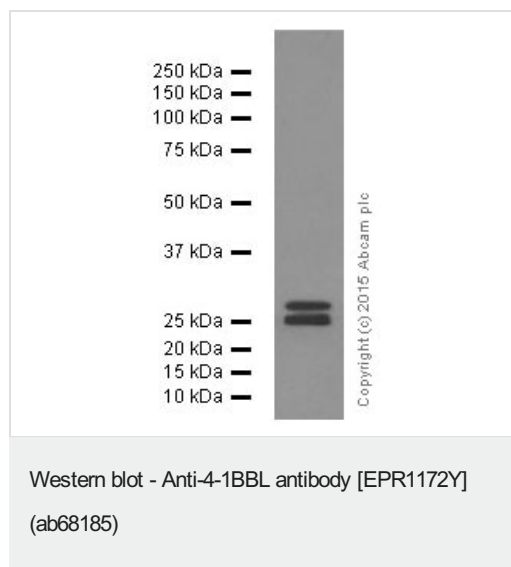
Function Cytokine that binds to TNFRSF9. Induces the proliferation of activated peripheral blood T-cells. May have a role in activation-induced cell death (AICD). May play a role in cognate interactions between T-cells and B-cells/macrophages.

Tissue specificity Expressed in brain, placenta, lung, skeletal muscle and kidney.

Sequence similarities Belongs to the tumor necrosis factor family.

Cellular localization Membrane.

Images



Anti-4-1BBL antibody [EPR1172Y] (ab68185) at 1/1000 dilution (purified) + Raji whole cell lysate at 10 µg

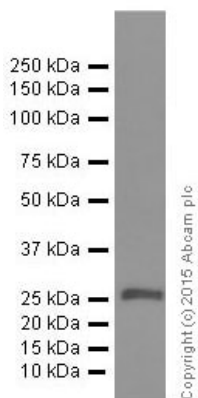
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/50000 dilution

Predicted band size: 27 kDa

Observed band size: 25,32 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-4-1BBL antibody [EPR1172Y]
(ab68185)

Anti-4-1BBL antibody [EPR1172Y] (ab68185) at 1/1000 dilution
(purified) + HEK293 whole cell lysate at 20 µg

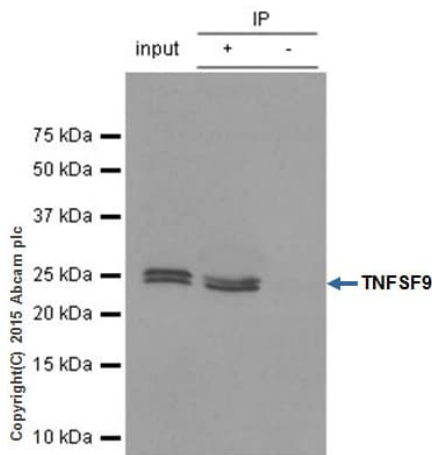
Secondary

HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of
IgG at 1/50000 dilution

Predicted band size: 27 kDa

Observed band size: 25-32 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



Immunoprecipitation - Anti-4-1BBL antibody
[EPR1172Y] (ab68185)

ab68185 (purified) at 1/50 immunoprecipitating 4-1BBL in HEK293
whole cell lysate.

Lane 1 (input): HEK293 whole cell lysate (10µg)

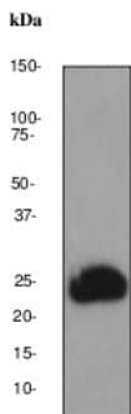
Lane 2 (+): ab68185 + HEK293 whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab68185
in HEK293 whole cell lysate.

For western blotting, a HRP-conjugated anti-rabbit IgG, specific to
the non-reduced form of IgG was used as the secondary antibody
(1/1500).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Anti-4-1BBL antibody [EPR1172Y] (ab68185) at 1/2000 dilution
(unpurified) + 293T cell lysate at 10 µg

Secondary

HRP-conjugated goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 27 kDa

Observed band size: 25 kDa

Western blot - Anti-4-1BBL antibody [EPR1172Y]
(ab68185)

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-4-1BBL antibody [EPR1172Y] (ab68185)

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