

Product datasheet

Anti-4-1BBL antibody [EPR1172Y] - BSA and Azide free ab247373

Recombinant RabMAb

5 Images

Overview

Product name	Anti-4-1BBL antibody [EPR1172Y] - BSA and Azide free
Description	Rabbit monoclonal [EPR1172Y] to 4-1BBL - BSA and Azide free
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. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab247373 is the carrier-free version of ab68185.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <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</p>

these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR1172Y
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab247373 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

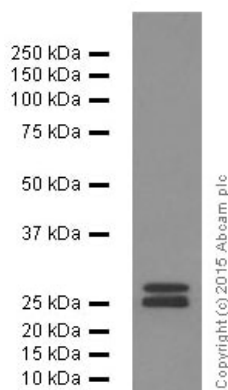
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 25 kDa (predicted molecular weight: 27 kDa).
IP		Use at an assay dependent concentration.

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



Western blot - Anti-4-1BBL antibody [EPR1172Y] - BSA and Azide free (ab247373)

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

Secondary

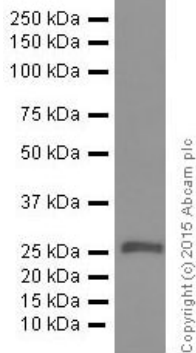
Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

Predicted band size: 27 kDa

Observed band size: 25,32 kDa

This data was developed using **ab68185**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Western blot - Anti-4-1BBL antibody [EPR1172Y] - BSA and Azide free (ab247373)

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

Secondary

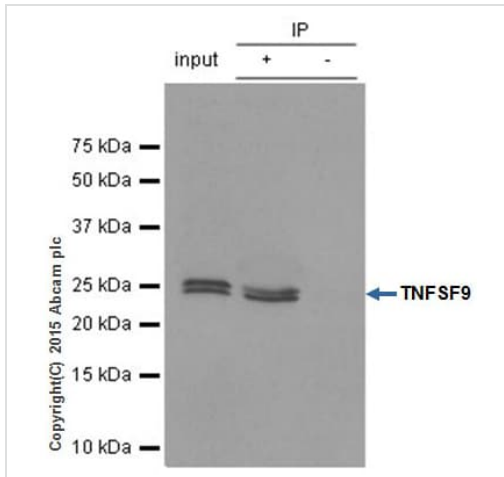
HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG at 1/50000 dilution

Predicted band size: 27 kDa

Observed band size: 25-32 kDa

This data was developed using **ab68185**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Immunoprecipitation - Anti-4-1BBL antibody [EPR1172Y] - BSA and Azide free (ab247373)

This data was developed using **ab68185**, the same antibody clone in a different buffer formulation.

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

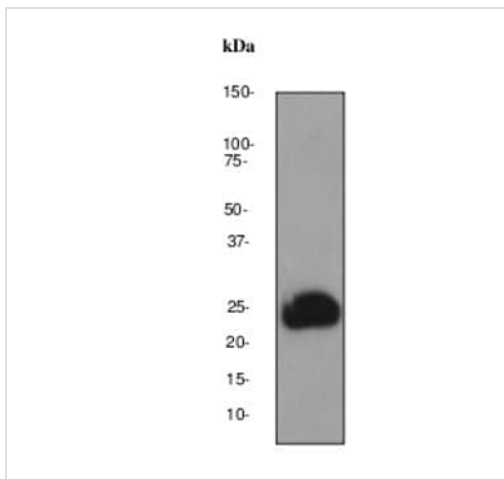
Lane 1 (input): HEK293 whole cell lysate (10µg)

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 and dilution buffer: 5% NFDm/TBST.



Western blot - Anti-4-1BBL antibody [EPR1172Y] - BSA and Azide free (ab247373)

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

This data was developed using **ab68185**, the same antibody clone in a different buffer formulation.

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] - BSA and Azide free (ab247373)

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

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