

# 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	<b>Suitable for:</b> WB, IP <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab247373 is the carrier-free version of <a href="#">ab68185</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;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<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> 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"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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

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

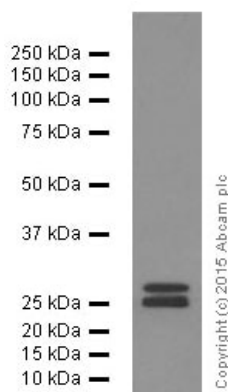
Application	Abreviews	Notes
<b>WB</b>		Use at an assay dependent concentration. Detects a band of approximately 25 kDa (predicted molecular weight: 27 kDa).
<b>IP</b>		Use at an assay dependent concentration.

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

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Expressed in brain, placenta, lung, skeletal muscle and kidney.
<b>Sequence similarities</b>	Belongs to the tumor necrosis factor family.
<b>Cellular localization</b>	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

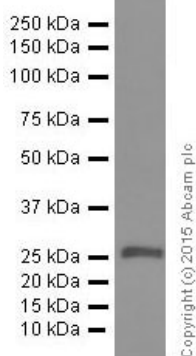
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/50000 dilution

**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

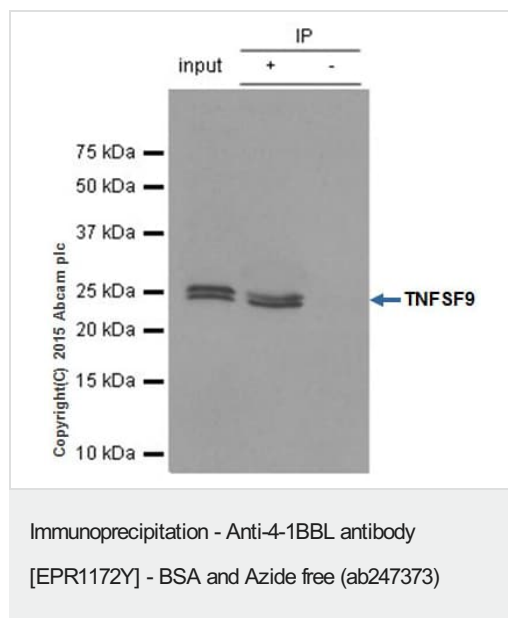
HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG at 1/50000 dilution

**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.



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.

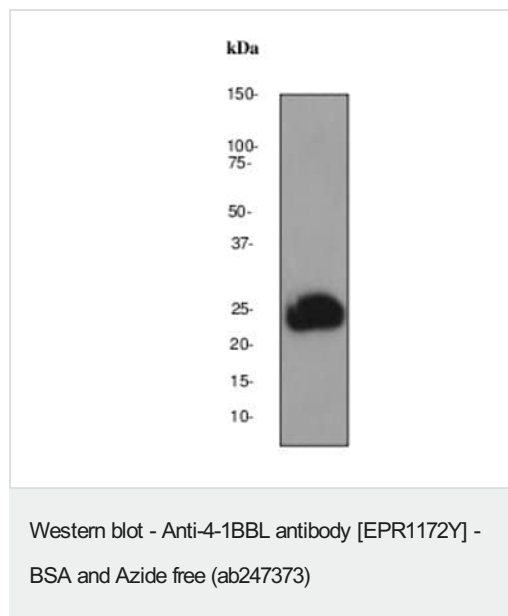
**Lane 1 (input):** HEK293 whole cell lysate (10µg)

**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.



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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