

Anti-LBP antibody [EPR10865] - BSA and Azide free ab249522

Recombinant RabMAb

3 Images

Overview

Product name	Anti-LBP antibody [EPR10865] - BSA and Azide free
Description	Rabbit monoclonal [EPR10865] to LBP - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, WB Unsuitable for: ICC/IF or IHC-P
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab249522 is the carrier-free version of ab169776.</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>

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	Affinity purified
Clonality	Monoclonal
Clone number	EPR10865
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249522 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

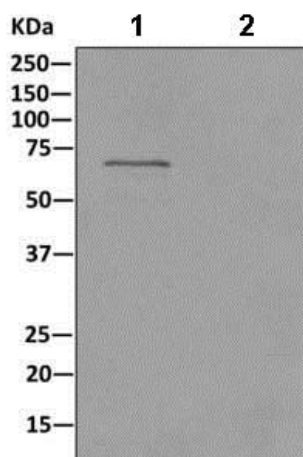
Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 60 kDa (predicted molecular weight: 53 kDa).

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

Target

Function	Binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria. The LBP/LPS complex seems to interact with the CD14 receptor.
Sequence similarities	Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.
Cellular localization	Secreted.

Images



Immunoprecipitation - Anti-LBP antibody
[EPR10865] - BSA and Azide free (ab249522)

This data was developed using [ab169776](#), the same antibody clone in a different buffer formulation.

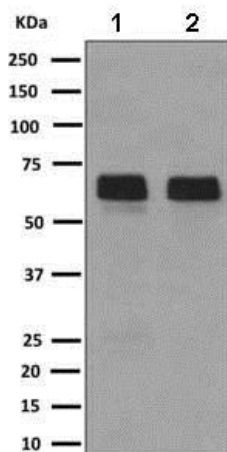
All lanes : Anti-LBP antibody [EPR10865] ([ab169776](#)) at 1/1000 dilution

Lane 1 : Immunoprecipitation of LBP from Human plasma lysate using [ab169776](#) at 1/10 dilution

Lane 2 : 1 X PBS Negative control

Secondary

All lanes : HRP-conjugated anti-rabbit IgG



Western blot - Anti-LBP antibody [EPR10865] - BSA
and Azide free (ab249522)

All lanes : Anti-LBP antibody [EPR10865] ([ab169776](#)) at 1/1000 dilution

Lane 1 : Human serum lysate

Lane 2 : Human plasma lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 53 kDa

This data was developed using [ab169776](#), 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-LBP antibody [EPR10865] - BSA and Azide free (ab249522)

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

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