

Product datasheet

Anti-CD62L antibody [EPR17012-35] - BSA and Azide free ab254204

Recombinant RabMAb

3 Images

Overview

Product name	Anti-CD62L antibody [EPR17012-35] - BSA and Azide free
Description	Rabbit monoclonal [EPR17012-35] to CD62L - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt, WB Unsuitable for: ICC/IF, IHC-Fr, IHC-P or IP
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: Mouse splenocytes.
General notes	<p>ab254204 is the carrier-free version of ab253241.</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	Protein A purified
Clonality	Monoclonal
Clone number	EPR17012-35
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab254204 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

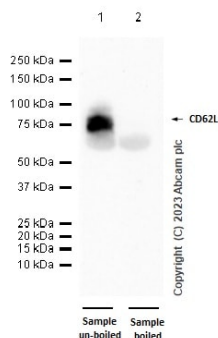
Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 75-100 kDa (predicted molecular weight: 42 kDa).

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

Target

Function	Cell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia.
Tissue specificity	Expressed in B cell lines and T lymphocytes.
Sequence similarities	Belongs to the selectin/LECAM family. Contains 1 C-type lectin domain. Contains 1 EGF-like domain. Contains 2 Sushi (CCP/SCR) domains.
Cellular localization	Membrane.

Images



Western blot - Anti-CD62L antibody [EPR17012-35]
- BSA and Azide free (ab254204)

All lanes : Anti-CD62L antibody [EPR17012-35] ([ab253241](#)) at 1/1000 dilution

Lane 1 : Mouse serum tissue lysate unboiled

Lane 2 : Mouse serum tissue lysate boiled

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 42 kDa

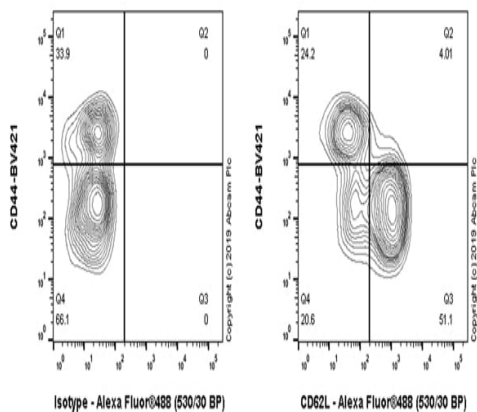
Observed band size: 75 kDa

Exposure time: 20 seconds

This data was developed using the same antibody clone in a different buffer formulation ([ab253241](#)).

Blocking and diluting buffer: 5% NFDM /TBST

For better using this antibody, we recommend not to boil your sample.



Flow Cytometry - Anti-CD62L antibody [EPR17012-35] - BSA and Azide free (ab254204)

Flow cytometric analysis of mouse splenocytes labeling CD62L with [ab253241](#) at 1/60 (Right panel) compared with a Rabbit monoclonal IgG ([ab172730](#)) (Left panel). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)), at 1/2000 dilution was used as the secondary antibody.

Cells were stained with rabbit IgG (Left) or anti-CD62L RabMab (Right). Then stained with Alexa Fluor® 647-conjugated anti-CD4 and BV421-conjugated anti-CD44. While CD4⁺ splenocytes express CD62L and CD44, their expressions are mutually exclusive.

Gated on viable CD4⁺ T cells.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and

sodium azide (**ab253241**).

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

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

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