

Product datasheet

Anti-CD62L antibody [EPR17012-35] ab253241

Recombinant RabMAb

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Overview

Product name	Anti-CD62L antibody [EPR17012-35]
Description	Rabbit monoclonal [EPR17012-35] to CD62L
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt 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	WB: Mouse serum. Flow Cyt: Mouse splenocytes.
General notes	ab253241 (EPR17012-35) is the detector of the ssELISA kit ab199085 . This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR17012-35

IsotypeIgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab253241 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		1/1000. Detects a band of approximately 75-100 kDa (predicted molecular weight: 42 kDa).
Flow Cyt		1/60.

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

Target

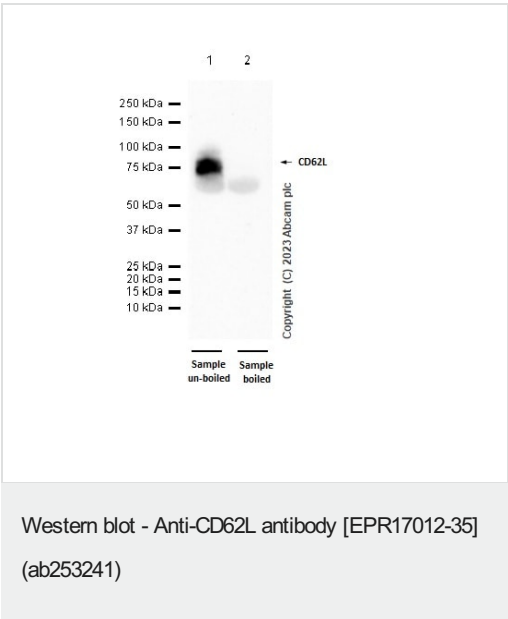
FunctionCell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia.

Tissue specificityExpressed in B cell lines and T lymphocytes.

Sequence similaritiesBelongs to the selectin/LECAM family.
Contains 1 C-type lectin domain.
Contains 1 EGF-like domain.
Contains 2 Sushi (CCP/SCR) domains.

Cellular localizationMembrane.

Images



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.

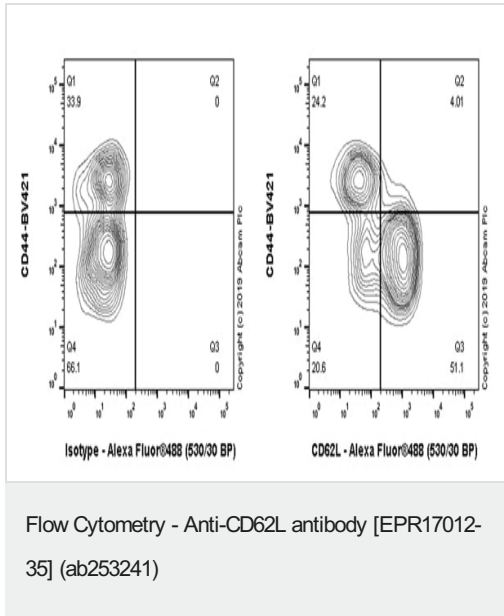
Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 42 kDa
Observed band size: 75 kDa

Exposure time: 20 seconds

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

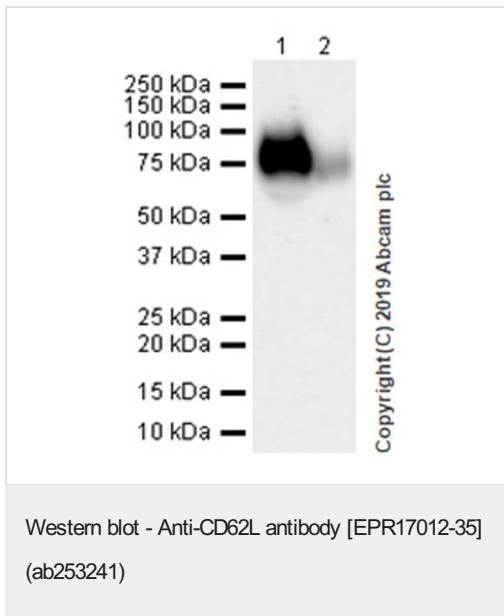
Blocking and diluting buffer: 5% NFDM /TBST



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.



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

Lane 1 : Mouse serum

Lane 2 : Mouse lymph node lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 42 kDa





Observed band size: 75-100 kDa

Exposure time: 136 seconds

The expression profile and molecular weight observed is consistent with what has been described in the literature (PMID: 12165530).

Blocking/Dilution buffer: 5% NFDm/TBST.

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-CD62L antibody [EPR17012-35] (ab253241)

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

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