

Product datasheet

Anti-CD62L antibody [EPR22188-297] - BSA and Azide free ab245124

Recombinant RabMAb

2 Images

Overview

Product name	Anti-CD62L antibody [EPR22188-297] - BSA and Azide free
Description	Rabbit monoclonal [EPR22188-297] to CD62L - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt Unsuitable for: ICC/IF, IHC-P or WB
Species reactivity	Reacts with: Rat
Immunogen	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: Rat primary splenocytes.
General notes	<p>ab245124 is the carrier-free version of ab218829.</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	EPR22188-297
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab245124 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

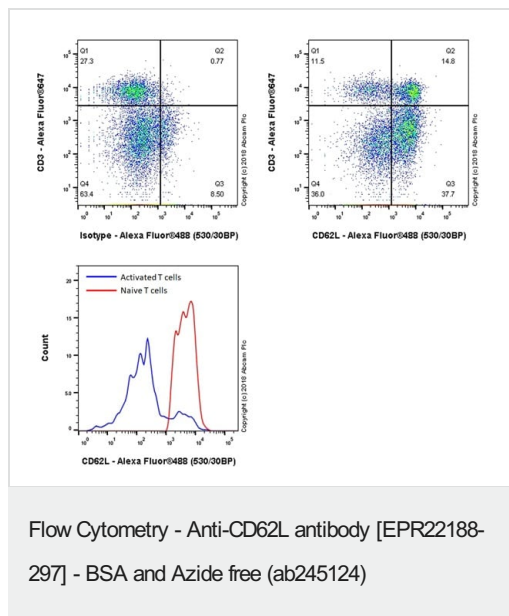
Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.

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

Target

Relevance	CD62L is a cell surface component that is a member of a family of adhesion/homing receptors. These play important roles in leukocyte-endothelial cell interactions. CD62L is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins.
Cellular localization	Cell Membrane; single-pass type I membrane protein.

Images



Flow cytometric analysis of rat primary splenocytes labeling CD62L with **ab218829** at 1/500 dilution (top right panel), compared with a Rabbit IgG, monoclonal [EPR25A] - Isotype Control (**ab172730**) (Upper left). Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (**ab150077**) at 1/2000 dilution was used as the secondary antibody.

Top panel: Cells were stained with Alexa Fluor® 647-conjugated CD3 and rabbit IgG (Left) or anti-CD62L RabMab (Right). Data shown was gated on viable cells.

Down regulation of CD62L on activated T cells (CD3+FSC^{high}, blue) compared to Naïve T cells (CD3+CD62L⁺, red) was shown on the bottom panel

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab218829**).

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 [EPR22188-297] - BSA and Azide free (ab245124)

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

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