

Mouse CD62L Antibody

Purified *in vivo* PLATINUM™ Functional Grade

Monoclonal Antibody

Product Information

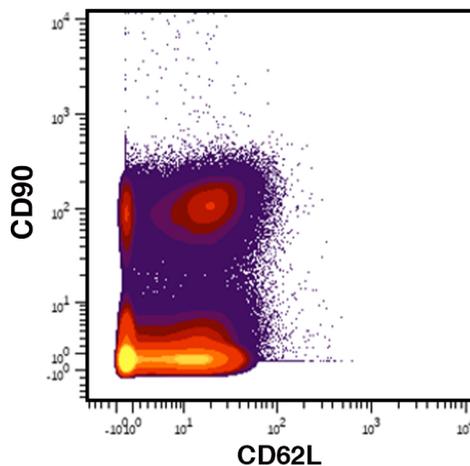
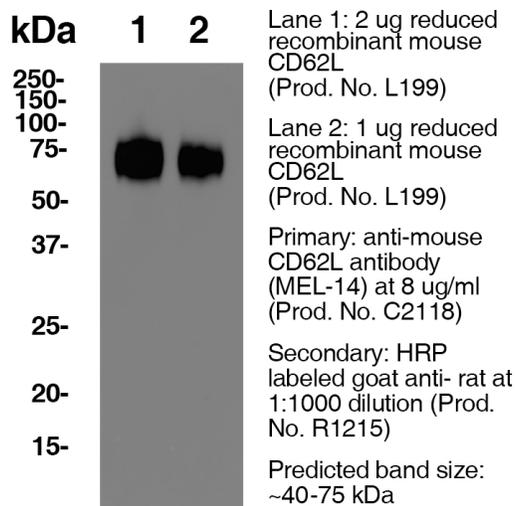
Product No.: C6118

Clone: MEL-14

RRID: AB_2829778

Isotype: Rat IgG2a κ

Storage: Sterile 2° to 8°C



CyTOF™ Data: Staining of a Murine Spleen was stained after using a metal conjugation kit to clone MEL-14, Anti-Mouse CD62L above.

Product Description

Specificity:

Rat Anti-Mouse CD62L (Clone MEL-14) recognizes an epitope on Mouse CD62L. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

Subsets of B and T cells, monocytes, granulocytes, subset of NK cells

Background:

CD62L is a 74-95 kD glycoprotein is a member of the selectin family and is expressed on the majority of B and naïve T cells, a subset of memory T cells, monocytes, granulocytes, most thymocytes, and a subset of NK cells. Furthermore, CD62L is a cell adhesion molecule that binds to many glycoprotein ligands including CD34, GlyCAM-1, and PSGL-1. Clone MEL-14 is reported as a Neutralization antibody.

Known Reactivity Species:

Mouse

Format:

Purified *in vivo* PLATINUM™ Functional Grade

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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Immunogen:

C3H/eb mouse B lymphoma 38C-13

Formulation

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Purity

≥98% monomer by analytical SEC, >95% by SDS Page

Endotoxin

<0.5 EU/mg as determined by the LAL method

Storage and Stability

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C.

Avoid Repeated Freeze Thaw Cycles.

Product Preparation

Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Pathogen Testing

To protect mouse colonies from infection by pathogens and to assure that experimental preclinical data is not affected by such pathogens, all of Leinco's Purified Functional PLATINUM™ antibodies are tested and guaranteed to be negative for all pathogens in the IDEXX IMPACT I Mouse Profile.

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

FC The suggested concentration for this MEL-14 antibody for staining cells in flow cytometry is ≤ 0.25 µg per 10⁶ cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.

WB The suggested concentration for this MEL-14 antibody for use in western blotting is 1-10 µg/ml.

Other Applications Reported in Literature:

CyTOF®

IHC FF

IP

B

Country of Origin

USA