10320 Camino Santa Fe, Suite G
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FITC Anti-Mouse CD62L (L-Selectin) (MEL-14) Antibody

Catalog # ATB10116

Specification

FITC Anti-Mouse CD62L (L-Selectin) (MEL-14) Antibody - Product Information

Application	**FC**
Isotype	**Rat IgG2a, kappa**
Concentration	**0.5 mg/mL**
Reactivity	**Mouse**
Formulation	**10 mM NaH_2PO_4, 150 mM NaCl, 0.09% NaN_3, 0.1% gelatin, pH7.2**
Host	**Rat**

FITC Anti-Mouse CD62L (L-Selectin) (MEL-14) Antibody - Additional Information

Gene ID	**20343**
Gene Name	**Sell**

Alternative Name(s)
LECAM-1, Ly-22

Format
FITC

Preparation
This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Application Notes
This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). The amount of antibody required for optimal staining of a cell sample should be determined empirically in your system.

Storage Conditions
2-8°C protected from light

FITC Anti-Mouse CD62L (L-Selectin) (MEL-14) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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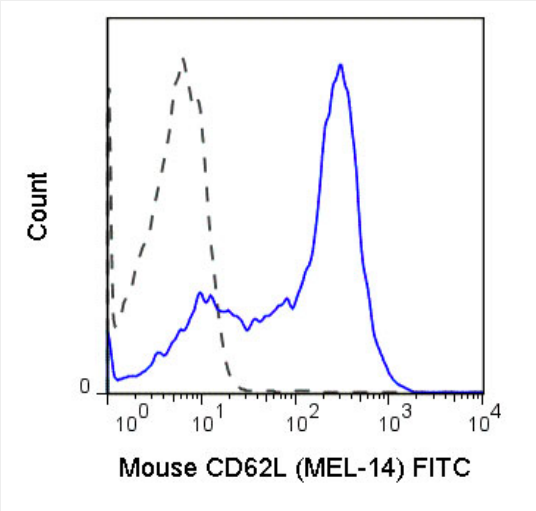
- Cell Culture

FITC Anti-Mouse CD62L (L-Selectin) (MEL-14) Antibody - Images



C57Bl/6 splenocytes were stained with 0.25 ug Anti-Mouse CD62L FITC (ATB10116) (solid line) or 0.25 ug Rat IgG2a FITC isotype control (dashed line).

FITC Anti-Mouse CD62L (L-Selectin) (MEL-14) Antibody - Background

The MEL-14 antibody is specific for mouse CD62L, also known as L-Selectin, a cell adhesion molecule which facilitates lymphocyte “rolling” on activated vascular endothelium and homing to high endothelial venules (HEV) as immune cells transmigrate from blood into peripheral tissues. L-Selectin is a member of a family of Selectin molecules which act together with the integrin family of adhesion molecules to mediate leukocyte-endothelial interactions. L-Selectin is characteristically expressed by neutrophils, and is also found on B cells, monocytes, granulocytes, and at varying levels on naive, effector and memory T cells. It is rapidly shed upon cell activation, releasing into the circulation a soluble form whose biological role is of particular interest in cancer biology research.The MEL-14 antibody may be used as a phenotypic marker for CD62L expression on a variety of immune cell types. Please note that CD62L (L-Selectin) itself is also referred to as MEL-14 in the literature.