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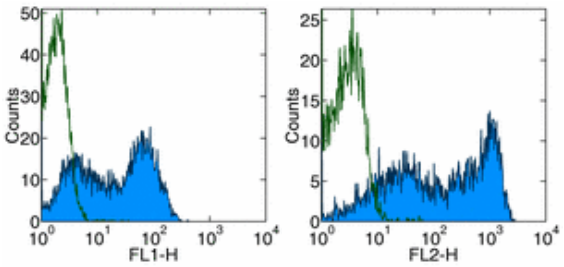
Anti-Mouse CD62L (L-Selectin) FITC

Catalog Number: 11-0621
Also Known As:LECAM-1, Ly-22
RUO: For Research Use Only



Staining of mouse bone marrow with 0.25 µg of Anti-Mouse CD62L (L-Selectin) FITC and PE (right). Autofluorescence is shown as the open histogram. Cells in the myeloid population was used for analysis.

Product Information

Contents: Anti-Mouse CD62L (L-Selectin) FITC
REF Catalog Number: 11-0621
Clone: MEL-14
Concentration: 0.5 mg/ml
Host/Isotype: Rat IgG2a, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The MEL-14 monoclonal antibody reacts with mouse CD62L, a 76 kDa member of the selectin family. CD62L is expressed by neutrophils, monocytes, and subsets of T, B, and NK cells and binds a number of glycosylated, fucosylated, sulfated sialylated glycoproteins including CD34, glycam-1 and MAdCam-1. These interactions mediate rolling of lymphocytes on activated endothelium at the sites of inflammation and homing of cells to the high endothelial venules (HEV) of peripheral lymphoid tissues.

Applications Reported

The MEL-14 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The MEL-14 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Gallatin, W. M., I. L. Weissman, et al. (1983). "A cell-surface molecule involved in organ-specific homing of lymphocytes." Nature 304(5921): 30-4.
Siegelman, M. H., I. C. Cheng, et al. (1990). "The mouse lymph node homing receptor is identical with the lymphocyte cell surface marker Ly-22: role of the EGF domain in endothelial binding." Cell 61(4): 611-22.

Related Products

11-4321 Rat IgG2a K Isotype Control FITC

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com