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CD62L/L-Selectin (MEL-14) Rat mAb (FITC Conjugate)

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
IF-F, FC-FP, FC-L	M	Endogenous	Rat IgG2a kappa	#P18337	20343

Product Usage Information

For optimal flow cytometry results, we recommend 0.25µg of antibody per test.

Application

Immunofluorescence (Frozen)
Flow Cytometry (Fixed/Permeabilized)
Flow Cytometry (Live)

Dilution

1:400 - 1:800
1:200
1:200

Storage

Supplied in 10 mM NaH₂PO₄, 150 mM NaCl, 0.09% Na₃, 0.1% gelatin, pH 7.2. This product is stable for 12 months when stored at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.

Specificity/Sensitivity

CD62L/L-Selectin (MEL-14) Rat mAb (FITC Conjugate) recognizes endogenous levels of total mouse CD62L protein.

Source / Purification

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.

Description

This Cell Signaling Technology antibody is conjugated to FITC and tested in-house for direct flow cytometric analysis in mouse cells.

Background

L-Selectin (CD62L, MEL-14, LAM1, SELL) is a cell adhesion molecule responsible for homing and mediating the binding of lymphocytes to high endothelial venules (HEV) in secondary lymphoid tissues (1-5). It is a commonly used marker for distinguishing naive and memory T cells from effector T cells (6).

Background References

- Gallatin, W.M. et al. *Nature* 304, 30-4.
- Tedder, T.F. et al. (1989) *J Exp Med* 170, 123-33.
- Tedder, T.F. et al. (1990) *J Immunol* 144, 532-40.
- Berg, E.L. et al. (1991) *J Cell Biol* 114, 343-9.
- Finger, E.B. et al. (1996) *Nature* 379, 266-9.
- Sallusto, F. et al. (1999) *Nature* 401, 708-12.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key

IF-F: Immunofluorescence (Frozen) **FC-FP:** Flow Cytometry (Fixed/Permeabilized) **FC-L:** Flow Cytometry (Live)

Cross-Reactivity Key

M: Mouse

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