



Orders: 877-616-CELL (2355)
orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

#61885 store at +4C

CD62L/L-Selectin (MEL-14) Rat mAb (PE-Cy7[®] Conjugate)

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

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

Product Usage Information

For optimal flow cytometry results, we recommend 0.06µg of antibody per test.

Application

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

Dilution

1:300
1:300

Storage

Supplied in 10 mM NaH₂PO₄, 150 mM NaCl, 0.09% NaN₃, 0.1% gelatin, pH 7.2. This product is stable for 6 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 (PE-Cy7[®] 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 PE-Cy7[®] 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

FC-FP: Flow Cytometry (Fixed/Permeabilized) **FC-L:** Flow Cytometry (Live)

Cross-Reactivity Key

M: Mouse

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