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## CD62L/L-Selectin (MEL-14) Rat mAb (PerCP-Cy5.5<sup>®</sup> Conjugate)

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

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

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

#### Application

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

#### Dilution

1:80  
1:80

### Storage

Supplied in 10 mM NaH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, 0.09% NaN<sub>3</sub>, 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 (PerCP-Cy5.5<sup>®</sup> 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 PerCP-Cy5.5<sup>®</sup> 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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