

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

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Applications: FC-FP, FC-L	Reactivity: M	Sensitivity: Endogenous	Source/Isotype: Rat IgG2a kappa	UniProt ID: #P18337	Entrez-Gene Id: 20343
Product Usage Information	For optimal flow cytometry results, we recommend 0.125µg of antibody per test.				
	Application				Dilution
	Flow Cytometry (Fixed/Permeabilized)				1:160
	Flow Cytometry (Live)				1:160
Storage	Supplied in 10 mM NaH2PO4, 150 mM NaCl, 0.09% NaN3, 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 (PE 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 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	1. Gallatin, W.M. et al. <i>Nature</i> 304, 30-4. 2. Tedder, T.F. et al. (1989) <i>J Exp Med</i> 170, 123-33. 3. Tedder, T.F. et al. (1990) <i>J Immunol</i> 144, 532-40. 4. Berg, E.L. et al. (1991) <i>J Cell Biol</i> 114, 343-9. 5. Finger, E.B. et al. (1996) <i>Nature</i> 379, 266-9. 6. Sallusto, F. et al. (1999) <i>Nature</i> 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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