

anti-human CD62L FITC-conjugated

The antibody HI62L recognizes a 76 kDa type I glycoprotein, L-selectin, also called leucocyte endothelial cellular adhesion molecule-1 (LECAM-1). CD62L is expressed on most peripheral blood T cells, B cells, some NK cells, monocytes and neutrophils; it is also present on some splenic lymphocytes, bone marrow lymphocytes and myeloid cells, thymocytes and certain hematopoietic malignant cells. CD62L acts as the peripheral lymph node homing receptor, mediates lymphocytes homing to high endothelial venules (HEV) of peripheral lymphoid tissue and leucocytes rolling on activated endothelium at inflammatory sites.

CD62L (L-selectin) is an adhesion glycoprotein that is constitutively expressed on the cell surface of leukocytes and mediates their homing to inflammatory sites and peripheral lymph nodes by enabling rolling along the venular wall. CD62L is also involved in activation-induced neutrophil aggregation. Activation-dependent CD62L shedding, however, counteracts neutrophil rolling. CD62L has also signaling roles including enhance of chemokine receptor expression. Similarly to CD62P, the major ligand of CD62L is PSGL-1 (P-selectin glycoprotein ligand-1).

Clone:	HI62L
Isotype:	Mouse IgG2a
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with Fluorescein isothiocyanate (FITC)
Buffer:	PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2)
Storage:	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
Application:	Flow Cytometry
Reference:	<ol style="list-style-type: none">1. Von Andrian UH and others: 1992 Oct;263(4 Pt 2):H1034-44.2. von Andrian UH and others: 1993 Jul 1;82(1):182-91.3. Simon SI and others: 1995 Aug 1;155(3):1502-14.4. Ding Z and others: 2003 Jun 1;101(11):4245-52.5. Ramachandran V and others: 2004 Sep 14;101(37):13519-24.
Quantity:	1.0 ml
Order N°:	H12513F

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

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