



Anti-SELL monoclonal antibody, clone 5H9 (DCABY-4040)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The Selectin family is comprised of three members, E-Selectin, L-Selectin, and P-Selectin. E-Selectin [endothelial leukocyte adhesion molecule-1 (ELAM-1), CD62E] is transiently expressed on vascular endothelial cells in response to IL-1 beta and TNF-alpha. The human and rat proteins share approximately 67% amino acid sequence identity. The mouse and rat proteins share approximately 78% amino acid sequence identity. L-Selectin (Leukocyte Selectin, LAM-1, LECAM-1, LECCAM-1, TQ1, Leu-8, MEL-14 antigen, DREG, lymph node homing receptor, CD62L) is expressed constitutively on a wide variety of leukocytes. Two forms of L-Selectin have been reported, apparently arising as a result of post-translational modifications. Human and mouse L-Selectin share 76% amino acid sequence identity. Human P-Selectin (GMP-140, LECAM-3, PADGEM, CD62P) is expressed by activated platelets and endothelial cells. The extracellular domains of human and mouse P-Selectin share approximately 73% amino acid sequence identity.
Specificity	Binds to CHO cells expressing the human L-Selectin/CD62L protein. It does not recognize CHO cells expressing either the human E-Selectin or human P-Selectin.
Immunogen	Recombinant human L-Selectin/CD62L. Extracellular domain
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5H9
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated

Applications	Flow Cytometry, ELISA Capture (Matched Pair)
Format	Liquid
Size	200 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	SELL selectin L [Homo sapiens (human)]
Official Symbol	SELL
Synonyms	SELL; selectin L; TQ1; LAM1; LEU8; LNHR; LSEL; CD62L; LYAM1; PLNHR; LECAM1; L-selectin; gp90-MEL; pln homing receptor; lymph node homing receptor; lymphocyte adhesion molecule 1; leukocyte surface antigen Leu-8; CD62 antigen-like family member L; leukocyt
Entrez Gene ID	6402
Protein Refseq	NP_000646
UniProt ID	A0A024R8Z0
Chromosome Location	1q23-q25
Pathway	Adaptive Immune System; Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall; Hemostasis; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	carbohydrate binding; cell adhesion molecule binding; glycosphingolipid binding; heparin binding; protease binding; protein binding;