



Anti-SELL monoclonal antibody, clone 207032 (DCABY-4216)

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	Detects rat L-Selectin/CD62L in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody does not cross-react with recombinant mouse (rm) L-Selectin or rHL-Selectin.
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat L-Selectin/CD62L. Trp39-Asn332 Accession Number P30836
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	207032
Purification	Protein A or G purified from hybridoma culture supernatant

Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 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 from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	Sell selectin L [Rattus norvegicus (Norway rat)]
Official Symbol	SELL
Synonyms	SELL; selectin L; A.11; LECAM-1; L-selectin; L-selectin; LAM-1; ly-22; LECAM1; selectin, lymphocyte; lymphocyte antigen 22; lymph node homing receptor; leukocyte adhesion molecule 1; CD62 antigen-like family member L; lymphocyte surface MEL-14 antigen; le
Entrez Gene ID	29259
Protein Refseq	NP_062050
UniProt ID	Q63762
Chromosome Location	13q22
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; glycolipid binding; protease binding;