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SELL Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2038a

Product Information

Application	WB, ICC, E
Primary Accession	P14151
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	8C8B7
Isotype	IgG1
Calculated MW	42187
Description	This gene encodes a cell surface adhesion molecule that belongs to a family of adhesion/homing receptors. The encoded protein contains a C-type lectin-like domain, a calcium-binding epidermal growth factor-like domain, and two short complement-like repeats. The gene product is required for binding and subsequent rolling of leucocytes on endothelial cells, facilitating their migration into secondary lymphoid organs and inflammation sites. Single-nucleotide polymorphisms in this gene have been associated with various diseases including immunoglobulin A nephropathy. Alternatively spliced transcript variants have been found for this gene.
Immunogen	Purified recombinant fragment of human SELL (AA: 83-186) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	6402
Other Names	L-selectin, CD62 antigen-like family member L, Leukocyte adhesion molecule 1, LAM-1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor, TQ1, gp90-MEL, CD62L, SELL, LNHR, LYAM1
Dilution	WB~~1/500 - 1/2000 ICC~~N/A E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SELL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SELL
Synonyms	LNHR, LYAM1
Function	Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells (PubMed:12403782, PubMed:28011641, PubMed:28489325). Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia (PubMed:12403782, PubMed:28011641).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in B-cell lines and T-lymphocytes.

References

PLoS One. 2012;7(9):e44814.Eur J Cell Biol. 2012 Apr;91(4):257-64.

Images

