ARG62908
anti-CD62L / L-Selectin antibody [IVA94]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [IVA94] recognizes CD62L / L-Selectin
Tested Reactivity	Bov
Tested Application	FACS, ICC/IF, IP
Specificity	The clone IVA94 reacts with CD62L antigen (bovine). CD62L (L-selectin) is a 74-95 kDa single chain type I glycoprotein expressed on most peripheral blood B lymphocytes, T lymphocytes, monocytes and granulocytes; it is also present on a subset of NK cells and certain hematopoietic malignant cells.
Host	Mouse
Clonality	Monoclonal
Clone	IVA94
Isotype	IgG1
Target Name	CD62L / L-Selectin
Immunogen	Bovine leukocytes.
Conjugation	Un-conjugated
Alternate Names	Leukocyte surface antigen Leu-8; Leukocyte adhesion molecule 1; CD antigen CD62L; PLNHR; LSEL; CD62L; Leukocyte-endothelial cell adhesion molecule 1; L-selectin; LAM1; LNHR; TQ1; CD62 antigen-like family member L; gp90-MEL; Lymph node homing receptor; LYAM1; LECAM1; LEU8; LAM-1

Application Instructions

Application table

Application	Dilution
FACS	1 - 4 µg/ml
ICC/IF	Assay-dependent
IP	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

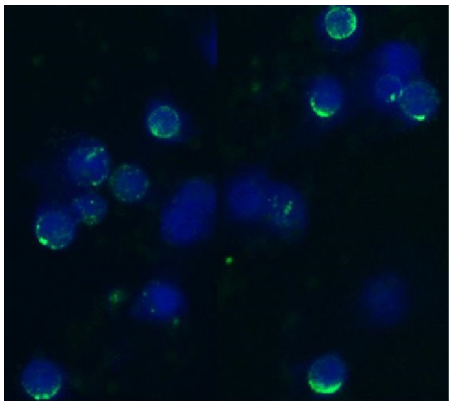
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

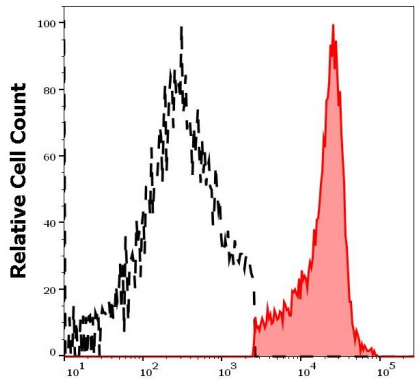
Database links	GeneID: 281485 Bovine Swiss-port # P98131 Bovine
Gene Symbol	SELL
Gene Full Name	selectin L
Background	This gene encodes a cell surface adhesion molecule that belongs to a family of adhesion/homing receptors. The encoded protein contains a C-type lectin-like domain, a calcium-binding epidermal 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. [provided by RefSeq, Oct 2009]
Function	Cell surface adhesion protein. 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 (By similarity). [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	42 kDa

Images



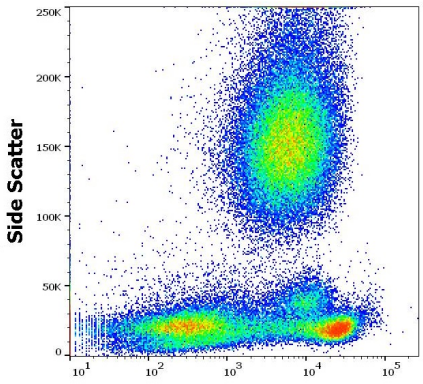
ARG62908 anti-CD62L / L-Selectin antibody [IVA94] ICC/IF image

Immunofluorescence: Acetone / methanol-fixed Bovine peripheral blood (lymphocyte-enriched suspension) stained with ARG62908 anti-CD62L / L-Selectin antibody [IVA94] (green), DAPI (blue) for nuclear staining.



ARG62908 anti-CD62L / L-Selectin antibody [IVA94] FACS image

Flow Cytometry: Separation of bovine CD62L positive lymphocytes (red-filled) from CD62L negative lymphocytes (black-dashed). Bovine peripheral whole blood stained with ARG62908 anti-CD62L / L-Selectin antibody [IVA94] at 1 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.



ARG62908 anti-CD62L / L-Selectin antibody [IVA94] FACS image

Flow Cytometry: Bovine peripheral whole blood stained with ARG62908 anti-CD62L / L-Selectin antibody [IVA94] at 1 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.