

Datasheet for ABIN94209  
**anti-L-Selectin antibody**

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## Overview

Quantity:	0.1 mg
Target:	L-Selectin (SELL)
Reactivity:	Human, Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Bovine leukocytes.
Clone:	IVA94
Isotype:	IgG1
Specificity:	The antibody IVA94 reacts with an extracellular epitope of 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.
Cross-Reactivity (Details):	Bovine
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

## Target Details

Target:	L-Selectin (SELL)
Alternative Name:	CD62L ( <a href="#">SELL Products</a> )
Background:	Selectin L,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).,L-selectin, LSEL, SELL, LAM1, LECAM1, LEU8, LNHR, LYAM1, PLNHR
Gene ID:	281485
UniProt:	<a href="#">P98131</a>

## Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	<b>Do not freeze.</b>
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

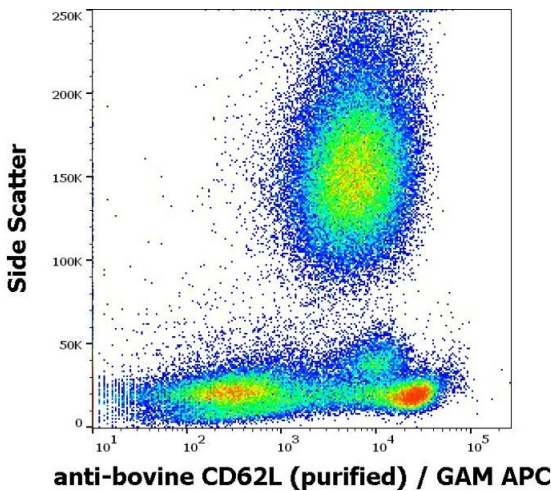
## Publications

Product cited in:	Howard: "Ruminant cluster CD62L." in: <b>Veterinary immunology and immunopathology</b> , Vol. 52, Issue 4, pp. 255-6, (1997) ( <a href="#">PubMed</a> ).
	Naessens, Nthale, Muiya: "Biochemical analysis of preliminary clusters in the non-lineage panel.

" in: **Veterinary immunology and immunopathology**, Vol. 52, Issue 4, pp. 347-56, (1997) ([PubMed](#)).

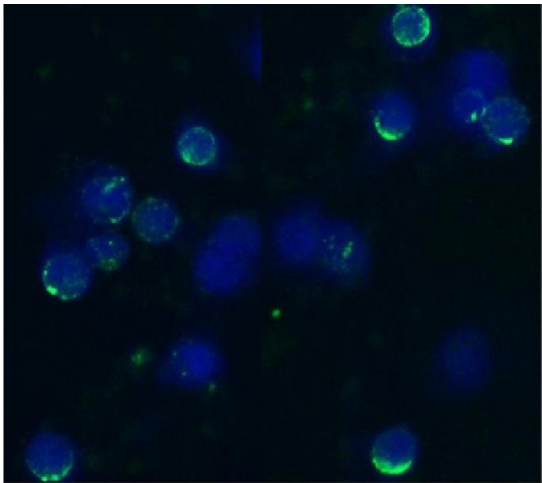
Naessens, Howard, Hopkins: "Nomenclature and characterization of leukocyte differentiation antigens in ruminants." in: **Immunology today**, Vol. 18, Issue 8, pp. 365-8, (1997) ([PubMed](#)).

Images



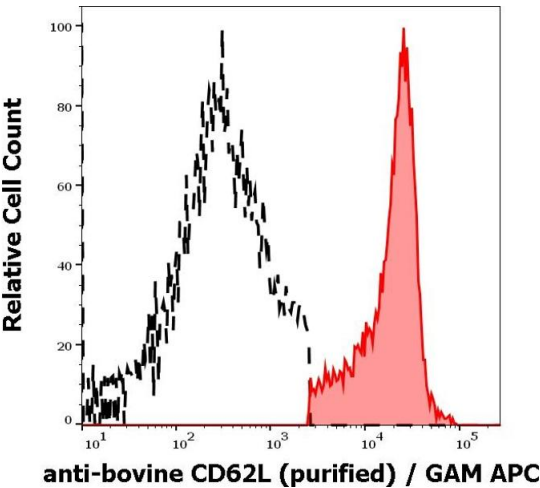
Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern of bovine peripheral whole blood stained using anti-bovine CD62L (IVA94) purified antibody (concentration in sample 1 µg/mL) GAM APC.



Immunocytochemistry

**Image 2.** Immunocytochemistry staining of acetone/methanol fixed bovine peripheral blood (lymphocyte-enriched suspension) using anti-bovine CD62L (IVA94), secondary antibody conjugated to FITC (green), DNA stained with DAPI (blue).



Flow Cytometry

**Image 3.** Separation of bovine CD62L positive lymphocytes (red-filled) from CD62L negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of bovine peripheral whole blood stained using anti-bovine CD62L (IVA94) purified antibody (concentration in sample 1 µg/mL) GAM APC.