# ARG22828
# anti-CD62L / L-Selectin antibody [CC32]

Package: 100 µg
Store at: -20°C

## Summary

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| Product Description | Mouse Monoclonal antibody [CC32] recognizes CD62L / L-Selectin<br>Mouse anti Bovine CD62L antibody, clone CC32 recognizes bovine L-selectin, also known as CD62L, Leukocyte-endothelial cell adhesion molecule 1, LECAM-1 or Lymph node homing receptor. Bovine CD62L is a 370 amino acid ~90kDa, single pass type I transmembrane glycoprotein bearing a single C-type lectin domain, an EGF-like domain and two Sushi domains (UniProt: P98131).Immunoprecipitation of peripheral blood mononuclear cell lysates with Mouse anti Bovine CD62L antibody, clone CC32 reveals a molecule of ~90 kDa when run on polyacrylamide gels under reducing conditions, slightly larger than the murine and human CD62L homologues. Bovine CD62L is expressed on subpopulations of T-lymphocytes expressing CD2, CD4 and CD8. WC1 positive γ/δ T cells also express CD62L as do a subpopulation of WC3+ve B-lymphocytes and all peripheral blood monocytes (Howard et al. 1992).Mouse anti Bovine CD62L antibody, clone CC32 has also been used successfully for the identification of CD62L on ovine peripheral blood cells by flow cytometry (Halliday et al. 2005). |
| Tested Reactivity | Bov, Sheep |
| Tested Application | FACS |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | CC32 |
| Isotype | IgG1 |
| Target Name | CD62L / L-Selectin |
| Species | Bovine |
| Immunogen | Bovine lymphocytes |
| 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 | Neat - 1:10 |

Application Note: FACS: Use 10 µl of the suggested working dilution to label 10^6 cells in 100 µl.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

## Properties

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| Form | Liquid |
| Purification | Purification with Protein G. |

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|---|---|
| Buffer | PBS and 0.09% Sodium azide |
| Preservative | 0.09% 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

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| 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. [UniProt] |
| Calculated Mw | 42 kDa |