

Datasheet for ABIN7659753  
**anti-L-Selectin antibody (CF®488A)**



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## Overview

|              |                                                                                                                                                                                                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                                                                                            |
| Target:      | L-Selectin (SELL)                                                                                                                                                                                                 |
| Reactivity:  | Human                                                                                                                                                                                                             |
| Host:        | Mouse                                                                                                                                                                                                             |
| Clonality:   | Monoclonal                                                                                                                                                                                                        |
| Conjugate:   | This L-Selectin antibody is conjugated to CF®488A                                                                                                                                                                 |
| Application: | Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA, Functional Studies (Func), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Purpose:         | CD62L (L-Selectin)(LAM1-116), CF488A conjugate                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen:       | MAb raised against supernatant from phorbol myristic acid activated human peripheral blood leukocytes.                                                                                                                                                                                                                                                                                                                                                                 |
| Clone:           | LAM1-116                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype:         | IgG1, kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Characteristics: | Selectins, also designated CD62 antigens, comprise a family of carbohydrate-binding proteins involved in mediating cellular interactions with leukocytes. L-Selectin (also designated LECAM-1 or CD62L) is expressed on the majority of B and naive T cells and on most monocytes, neutrophils and eosinophils. L-Selectin interacts with specific carbohydrates expressed by activated endothelial cells. P-Selectin (also designated GMP-140 or CD62P), expressed on |

## Product Details

activated platelets and endothelial cells, and E-Selectin (also designated ELMA-1 or CD62E), expressed on endothelial cells, exhibit overlapping ligand specificities. Both recognize sialyl-Le (x) as a ligand and bind to specific carbohydrates on neutrophils and monocytes. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | L-Selectin (SELL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Name: | CD62L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Background:       | Synonyms: A.11, AI528707, CD62 antigen ligand, CD62L, gp90-MEL, IgA nephropathy, susceptibility to, included, L Selectin, L-selectin, LAM1, LECAM1, LEU8, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, Lnhp, LSEL, Ly-22, LYAM1, Lymph node homing receptor, Lymphocyte antigen 22, Lymphocyte surface MEL-14 antigen, PIn homing receptor, PLNHR, SELL, TQ1<br>Gene Symbol: SELL<br>Tissue Expression: Eosinophils Lymphocytes Monocytes/macrophages Neutrophils |
| Molecular Weight: | 65-75 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID:          | 6402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt:          | <a href="#">P14151</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Application Details

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | ELISA: For coating, order antibody without BSA, Flow cytometry: 0.5-1 µg/million cells, Western blot 0.5-1.0 µg/mL, Optimal dilution for a specific application should be determined.. Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody |
| Comment:           | Positive Control: HPBL or Jurkat whole cell lysate.                                                                                                                                                                                                                                                                                    |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                  |

## Handling

|                    |                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                               |
| Concentration:     | 0.1 mg/mL                                                                                                                            |
| Buffer:            | PBS, 0.1 % BSA, 0.05 % 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:   | Protect from light                                                                                                                   |
| Storage:           | 4 °C                                                                                                                                 |
| Storage Comment:   | Stable at room temperature or 37°C for 7 days.<br>Protect from light<br>Store at 2 to 8°C. Protect fluorescent conjugates from light |
| Expiry Date:       | 24 months                                                                                                                            |