



# Anti-ITGAL monoclonal antibody, clone 38 [R-PE] (CABT-45388MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Product Overview** Mouse anti Human CD11a antibody, clone 38 recognizes the integrin alphaL subunit, a 180kDa glycoprotein expressed by all human leucocytes. CD11a is involved in cell-cell adhesion processes and binds to ICAM-1, 2 and 3. Mouse anti Human CD11a antibody, clone 38 neutralizes CD11a mediated adhesion. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood

|                           |  |
|---------------------------|--|
| <b>Specificity</b>        | ITGAL  |
| <b>Isotype</b>            | IgG2a  |
| <b>Source/Host</b>        | Mouse  |
| <b>Species Reactivity</b> | Human  |
| <b>Clone</b>              | 38   |
| <b>Conjugate</b>          | PE   |
| <b>Applications</b>       | FC   |
| <b>Format</b>             | Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised  |
| <b>Size</b>               | 100 tests  |
| <b>Preservative</b>       | 0.09% Sodium Azide   |
| <b>Storage</b>            | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. |

# GENE INFORMATION

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|---------------------|---|
| Gene Name           | <a href="#">ITGAL integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide) [ Homo sapiens (human) ]</a>  |
| Official Symbol     | ITGAL   |
| Synonyms            | ITGAL; integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide); CD11A; LFA-1; LFA1A; integrin alpha-L; LFA-1A; LFA-1 alpha; integrin gene promoter; CD11 antigen-like family member A; lymphocyte function-associ |
| Entrez Gene ID      | <a href="#">3683</a>  |
| Protein Refseq      | <a href="#">NP_001107852</a>  |
| UniProt ID          | P20701  |
| Chromosome Location | 16p11.2   |
| Pathway             | Adaptive Immune System; CXCR3-mediated signaling events; Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall; Epstein-Barr virus infection; Extracellular matrix organization; Focal Adhesion; HTLV-I infection;                     |
| Function            | ICAM-3 receptor activity; cell adhesion molecule binding; metal ion binding; protein binding; protein complex binding; protein heterodimerization activity;   |