

## Mouse CD11a Monoclonal Antibody | anti-CD11a antibody

MOUSE ANTI HUMAN CD11a

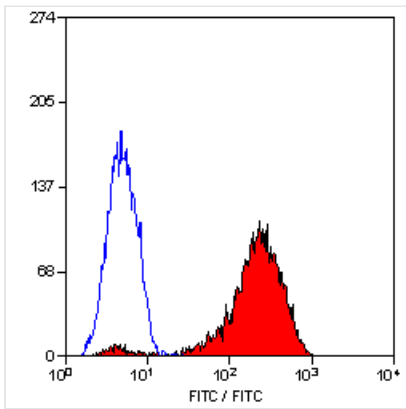
|                              |                      |                                                                                                                        |
|------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA49302</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Immunoprecipitation, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry</b> |
|------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

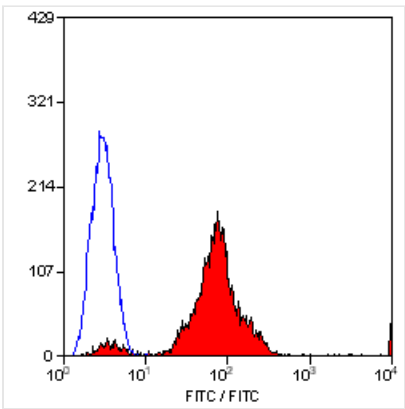
CD11a; Monoclonal Antibody; MOUSE ANTI HUMAN CD11a; anti-CD11a antibody

### PRODUCT SPECIFICATIONS

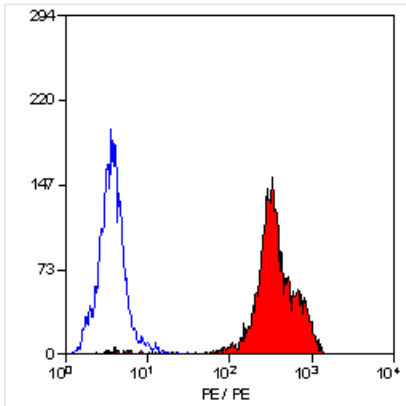
|                                                 |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                         | IgG2a                                                                                                                                                                                                                                                                                                                                                          |
| Clone Number                                    | 38                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                     | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                              |
| Concentration                                   | IgG concentration 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                      |
| Sequence Length                                 | 1086                                                                                                                                                                                                                                                                                                                                                           |
| Applicable Applications for anti-CD11a antibody | IP (Immunoprecipitation), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                       |
| Perservative Stabilisers                        | 0.09% Sodium Azide<br>Preparation                                                                                                                                                                                                                                                                                                                              |
| Histology Positive Control Tissue               | Human Tonsil<br>Buffer Solution                                                                                                                                                                                                                                                                                                                                |
| Target Species                                  | Human                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                         | Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |



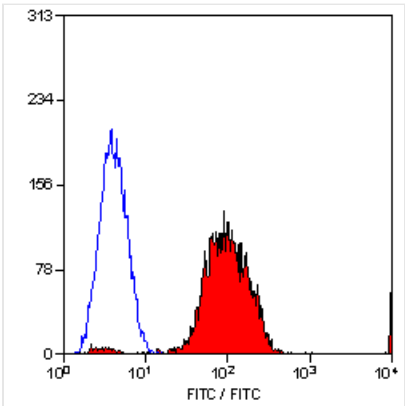
**Application Data**  
Staining of human peripheral blood lymphocytes with Mouse anti Human CD11a:Azide Free



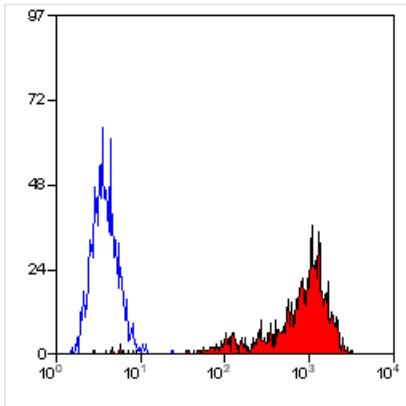
**Application Data**  
Staining of human peripheral blood lymphocytes with Mouse anti Human CD11a:FITC



**Application Data**  
Staining of human peripheral blood lymphocytes with Mouse anti Human CD11a:RPE



**Application Data**  
Staining of human peripheral blood lymphocytes with Mouse anti Human CD11a:Biotin



**Application Data**  
Staining of human peripheral blood lymphocytes with Mouse anti Human CD11a:Alexa Fluor 647 (AAA49302A647)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD11a antibody | 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. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|           |           |
|-----------|-----------|
| NCBI GI # | 167466217 |
|-----------|-----------|

|                                  |                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 3683                                                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_001107852.1                                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001114380.1                                                                                                                                                                                                                                                                               |
| UniProt Accession #              | P20701; O43746; Q45H73; Q96HB1; Q9UBC8                                                                                                                                                                                                                                                       |
| Molecular Weight                 | 119,224 Da                                                                                                                                                                                                                                                                                   |
| NCBI Official Full Name          | integrin alpha-L isoform b                                                                                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)                                                                                                                                                                                        |
| NCBI Official Symbol             | ITGAL                                                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | CD11A; LFA-1; LFA1A                                                                                                                                                                                                                                                                          |
| NCBI Protein Information         | integrin alpha-L; CD11 antigen-like family member A; LFA-1 alpha; LFA-1A; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide; integrin gene promoter; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain |
| UniProt Protein Name             | Integrin alpha-L                                                                                                                                                                                                                                                                             |
| UniProt Gene Name                | ITGAL                                                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | CD11A; LFA-1A                                                                                                                                                                                                                                                                                |
| UniProt Entry Name               | ITAL_HUMAN                                                                                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd11a-antibody-clone-38-immunoprecipitation-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/49302>