

## Mouse CD54 Monoclonal Antibody | anti-CD54 antibody

MOUSE ANTI HUMAN CD54:Low Endotoxin

| CATALOG # | HOST  | APPLICATIONS                                                                                  |
|-----------|-------|-----------------------------------------------------------------------------------------------|
| AAA49725  | Mouse | Immunoprecipitation, Functional Assay, Flow Cytometry, Functional Assay, Immunohistochemistry |

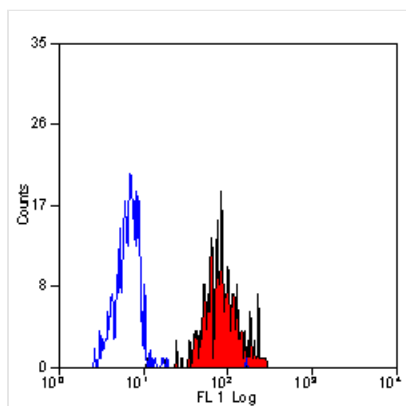
### PRODUCT SYNONYMS

CD54; Monoclonal Antibody; MOUSE ANTI HUMAN CD54:Low Endotoxin; anti-CD54 antibody

### PRODUCT SPECIFICATIONS

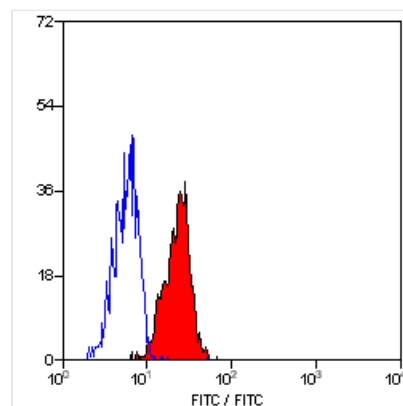
|                                                |                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                 |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                            |
| Isotype                                        | IgG1                                                                                                                                                                                                                                                                                                                                  |
| Clone Number                                   | 15.2                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                    | Low Endotoxin<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                |
| Concentration                                  | IgG concentration 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                           |
| Sequence Length                                | 532                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-CD54 antibody | IP (Immunoprecipitation), FA (Functional Assay), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)                                                                                                                                                                                                                                |
| Preparation                                    | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant                                                                                                                                                                                                                                         |
| Immunogen                                      | Human monocytes<br>Fusion Partners                                                                                                                                                                                                                                                                                                    |
| Target Species                                 | Human                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                        | Store at -20 degree C only. 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. |

### IMAGES



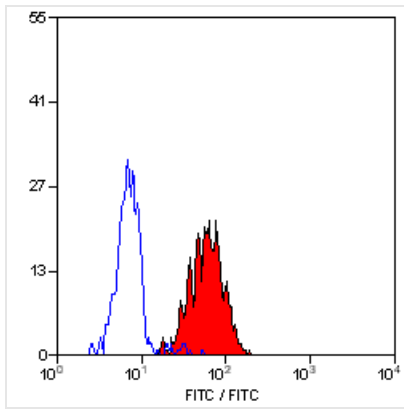
#### Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD54



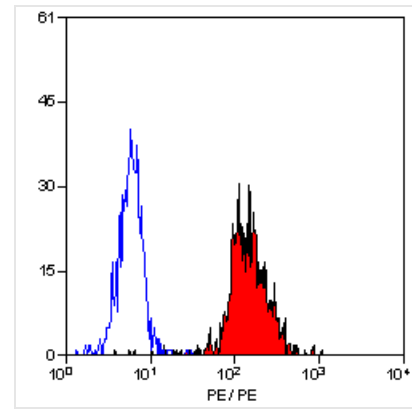
#### Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD54:Biotin



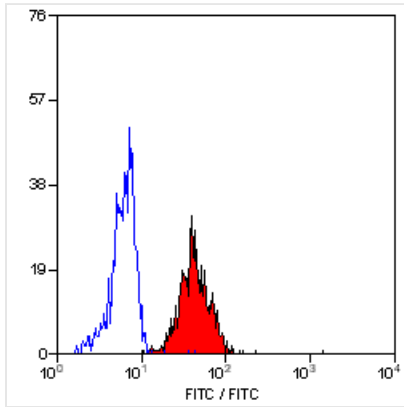
#### Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD54



#### Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD54:RPE



#### Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD54:FITC

## ADDITIONAL INFORMATION

### Related Product Information for anti-CD54 antibody

Mouse anti Human CD54 antibody, clone 15.2 recognizes the human CD54 cell surface antigen, a 90kDa glycoprotein also known as ICAM-1. CD54 is expressed by many cells following activation by inflammatory mediators. Mouse anti Human CD54 antibody, clone 15.2 is reported to block CD54 function (Berendt et al. 1992).

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 167466198                                                                                                                                                                        |
| NCBI GeneID                      | 3383                                                                                                                                                                             |
| NCBI Accession #                 | NP_000192.2                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_000201.2                                                                                                                                                                      |
| UniProt Accession #              | P05362; Q5NKV7; Q96B50; B2R6M3                                                                                                                                                   |
| Molecular Weight                 | 57,825 Da                                                                                                                                                                        |
| NCBI Official Full Name          | intercellular adhesion molecule 1                                                                                                                                                |
| NCBI Official Synonym Full Names | intercellular adhesion molecule 1                                                                                                                                                |
| NCBI Official Symbol             | ICAM1                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | BB2; CD54; P3.58                                                                                                                                                                 |
| NCBI Protein Information         | intercellular adhesion molecule 1; ICAM-1; cell surface glycoprotein P3.58; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; major group rhinovirus receptor |

|                            |                                   |
|----------------------------|-----------------------------------|
| UniProt Protein Name       | Intercellular adhesion molecule 1 |
| UniProt Gene Name          | ICAM1                             |
| UniProt Synonym Gene Names | ICAM-1                            |
| UniProt Entry Name         | ICAM1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd54-antibody-clone-15-2-immunoprecipitation-functional-assay-flow-cytometry-immunohistochemistry-elisa/49725>