

## ICAM1 recombinant antibody

ICAM1 Recombinant Monoclonal Antibody

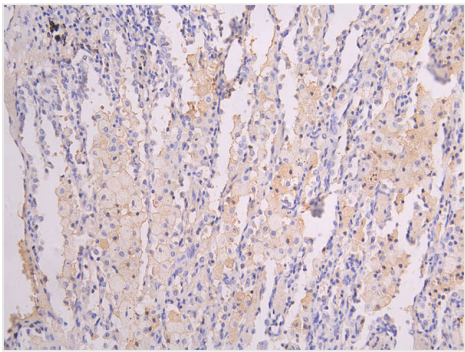
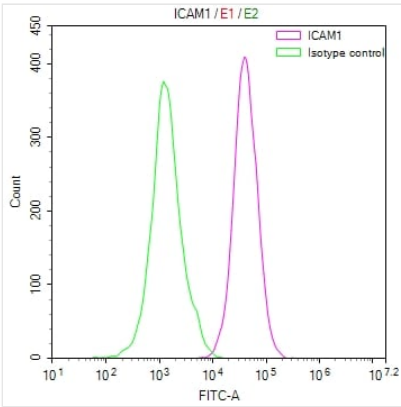
| CATALOG # | HOST         | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------------|------------|-----------------------------------------------------------------------------|
| AAA279344 | HEK293F Cell | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

ICAM1; Monoclonal Recombinant Antibody; ICAM1 Recombinant Monoclonal Antibody; Antigen identified by monoclonal antibody BB2 antibody; BB 2 antibody; BB2 antibody; CD 54 antibody; CD\_antigen=CD54 antibody; CD54 antibody; Cell surface glycoprotein P3.58 antibody; Human rhinovirus receptor antibody; ICAM 1 antibody; ICAM-1 antibody; ICAM1 antibody; ICAM1\_HUMAN antibody; intercellular adhesion molecule 1 (CD54) antibody; intercellular adhesion molecule 1 (CD54); human rhinovirus receptor antibody; Intercellular adhesion molecule 1 antibody; Major group rhinovirus receptor antibody; MALA 2 antibody; MALA2 antibody; MyD 10 antibody; MyD10 antibody; P3.58 antibody; Surface antigen of activated B cells antibody; Surface antigen of activated B cells; ICAM1 recombinant antibody

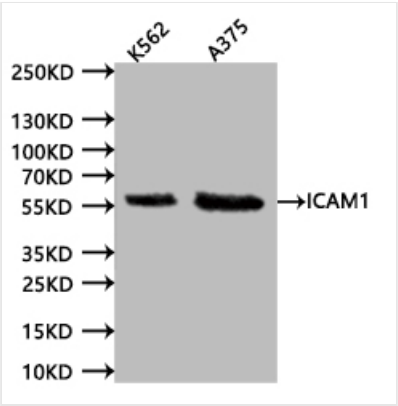
### PRODUCT SPECIFICATIONS

|                                                        |                                                                                 |
|--------------------------------------------------------|---------------------------------------------------------------------------------|
| Host                                                   | HEK293F Cell                                                                    |
| Reactivity                                             | Human                                                                           |
| Clonality                                              | Monoclonal                                                                      |
| Isotype                                                | hIgG1                                                                           |
| Clone Number                                           | 15A9                                                                            |
| Purity/Purification                                    | Affinity chromatography                                                         |
| Form/Format                                            | Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.                     |
| Applicable Applications for ICAM1 recombinant antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| Antigen Species                                        | Human                                                                           |
| Immunogen                                              | Recombinant Human ICAM1 protein                                                 |
| Preparation and Storage                                | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.     |



**IHC (Immunohistochemistry)**  
IHC image of AAA279344 diluted at 1?200 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-human polymer IgG labeled by HRP and visualized using 0.05% DAB.

**FCM/FACS (Flow Cytometry)**  
Overlay Peak curve showing HepG2 cells stained with AAA279344 (red line) at 1:100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was human IgG (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.



**WB (Western Blot)**  
Western BlotPositive WB detected in:K562 whole cell lysate (20ug), A375 whole cell lysate (20ug)All lanes: ICAM1 antibody at 1:1000SecondaryGoat polyclonal to human IgG at 1/40000 dilutionPredicted band size:57.83 kDaObserved band size:58 kDaExposure time:120s

ADDITIONAL INFORMATION

|                                                          |                                        |
|----------------------------------------------------------|----------------------------------------|
| Product Categories/Family for ICAM1 recombinant antibody | Cardiovascular, Immunology, Stem cells |
|----------------------------------------------------------|----------------------------------------|

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; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor |
| UniProt Protein Name          | Intercellular adhesion molecule 1                                                                                                                                                |
| UniProt Gene Name             | <b>ICAM1</b>                                                                                                                                                                     |
| 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/icam1-recombinant-antibody-clone-15a9-flow-cytometry-immunohistochemistry-western-blot-elisa/279344>