

## Mouse anti-Human, Mouse VCAM-1 Monoclonal Antibody | anti-VCAM-1 antibody

Anti-VCAM-1 Antibody

|                               |                      |                                   |                                                                  |
|-------------------------------|----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA249056</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|----------------------|-----------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

VCAM-1; Monoclonal Antibody; Anti-VCAM-1 Antibody; CD106; DKFZp779G2333; INCAM 100; L1CAM; V CAM 1; VCAM 1; VCAM1; anti-VCAM-1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------|
| Host                                             | Mouse                                                                   |
| Reactivity                                       | Human, Mouse                                                            |
| Clonality                                        | Monoclonal                                                              |
| Isotype                                          | IgG1                                                                    |
| Clone Number                                     | 2F7                                                                     |
| Purity/Purification                              | >=95% as determined by SDS-PAGE<br>Protein A+G purified                 |
| Form/Format                                      | Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.            |
| Sequence Length                                  | 739                                                                     |
| Applicable Applications for anti-VCAM-1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                    |
| Immunogen                                        | Vascular cell adhesion molecule 1                                       |
| Preparation and Storage                          | Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles. |

### IMAGES


**WB (Western Blot)**

human spleen tissue were subjected to SDS PAGE followed by western blot with AAA249056 (VCAM-1 Antibody) at dilution of 1:800


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using AAA249056 (VCAM-1 antibody) at dilution of 1:400

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-VCAM-1 antibody | This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. |
| Product Categories/Family for anti-VCAM-1 antibody   | <a href="#">Signal Transduction</a> ; <a href="#">Cardiovascular</a> ; <a href="#">Immunology</a> ; <a href="#">Cancer</a> ; <a href="#">Neuroscience</a> ; <a href="#">Stem Cells</a>                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 137560                            |
| NCBI GeneID                      | 7412                              |
| UniProt Accession #              | P19320                            |
| Molecular Weight                 | Observed MW: 105kDa               |
| NCBI Official Full Name          | Vascular cell adhesion protein 1  |
| NCBI Official Synonym Full Names | vascular cell adhesion molecule 1 |
| NCBI Official Symbol             | VCAM1                             |
| NCBI Official Synonym Symbols    | CD106; INCAM-100                  |
| NCBI Protein Information         | vascular cell adhesion protein 1  |
| UniProt Protein Name             | Vascular cell adhesion protein 1  |
| UniProt Gene Name                | <b>VCAM1</b>                      |
| UniProt Synonym Gene Names       | L1CAM; V-CAM 1; VCAM-1            |
| UniProt Entry Name               | VCAM1_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/vcam-1-antibody-clone-2f7-immunohistochemistry-western-blot-elisa/249056>