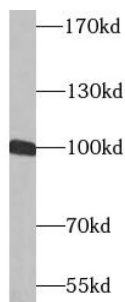
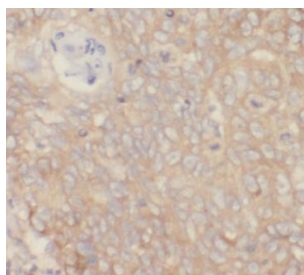


## Vascular Cell Adhesion Molecule 1 (VCAM1) Antibody

Catalogue No.: abx239941



WB analysis of human spleen tissue, using VCAM-1 antibody (1/800 dilution).



IHC-P analysis of human lung cancer tissue, using VCAM-1 antibody (1/400 dilution).

Vascular Cell Adhesion Molecule 1 (VCAM1) Antibody is a Mouse Monoclonal antibody for the detection of VCAM-1.

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.

**Target:** Vascular Cell Adhesion Molecule 1 (VCAM1)

**Clonality:** Monoclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB, IHC

**Host:** Mouse

**Recommended dilutions:** WB: 1/500 - 1/1000, IHC: 1/50 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** vascular cell adhesion molecule 1

**Isotype:** IgG<sub>1</sub>

# Datasheet

Version: 2.0.0

Revision date: 07 Sep 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form:</b>               | Liquid                                                                                                                                     |
| <b>Purity:</b>             | ≥ 95% (SDS-PAGE)                                                                                                                           |
| <b>Purification:</b>       | Purified by Protein A and Protein G affinity chromatography.                                                                               |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>Validity:</b>           | 12 months.                                                                                                                                 |
| <b>UniProt Primary AC:</b> | P19320 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>Gene Symbol:</b>        | VCAM1                                                                                                                                      |
| <b>GeneID:</b>             | <a href="#">7412</a>                                                                                                                       |
| <b>OMIM:</b>               | <a href="#">192225</a>                                                                                                                     |
| <b>HGNC:</b>               | 12663                                                                                                                                      |
| <b>KEGG:</b>               | hsa:7412                                                                                                                                   |
| <b>Ensembl:</b>            | ENSG00000162692                                                                                                                            |
| <b>String:</b>             | <a href="#">9606.ENSP00000294728</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Observed MW: 105 kDa                                                                                                                       |
| <b>Buffer:</b>             | PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.                                                                                     |
| <b>Concentration:</b>      | 2 mg/ml                                                                                                                                    |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |