

ICAM-1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10307**Specification**

ICAM-1 Antibody - Product Information

Application	WB, IHC
Primary Accession	Q00238
Other Accession	BAF84666
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60142

ICAM-1 Antibody - Additional Information**Gene ID** 25464**Application & Usage****Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody recognizes ~89-92 kDa ICAM-1 in samples from human, mouse and rat origins.****Other Names**

ICAM1 , P3.58 , BB2 , CD54

Target/Specificity

ICAM-1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

ICAM-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ICAM-1 Antibody - Protein Information

Name Icam1

Synonyms Icam-1

Function

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein.

ICAM-1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ICAM-1 Antibody - Images

ICAM-1 Antibody - Background

Cell adhesion molecules (CAMs) are a family of closely related cell surface glycoproteins involved in cell-cell interactions during growth and are thought to play an important role in embryogenesis and development. The family contains NCAM (for neuronal cell adhesion molecule), ICAM (for intercellular adhesion molecule), VCAM (vascular cell adhesion molecule), PECAM-1 (platelet/endothelial cell adhesion molecule-1), etc. ICAM-1, also referred to as CD54, is an integral membrane protein of the immunoglobulin superfamily and recognizes the B2a1 and B2aM integrins.