10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ICAM-2 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10714

Specification

ICAM-2 Antibody - Product Information

Application	**WB**
Primary Accession	P35330
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**31390**

ICAM-2 Antibody - Additional Information

Gene ID 15896

Positive Control	**Western Blot: Jurkat cell lysate and 3T3 cell lysate. IHC: spleen tissue**
Application & Usage	**Western blotting (0.5-4 µg/ml) and Immunohistochemistry (5 µg/ml). It detects multiple isoforms of ICAM-2. However, the optimal concentrations should be determined individually.**

Other Names
ICAM1 , P3.58 , BB2 , CD54

Target/Specificity
ICAM-2

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5mg/ml) affinity 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-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ICAM-2 Antibody - Protein Information

Name Icam2

Synonyms Icam-2

Function
ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Cellular Location
Membrane; Single-pass type I membrane protein. Cell projection, microvillus. Note=Co-localizes with RDX, EZR and MSN in microvilli.

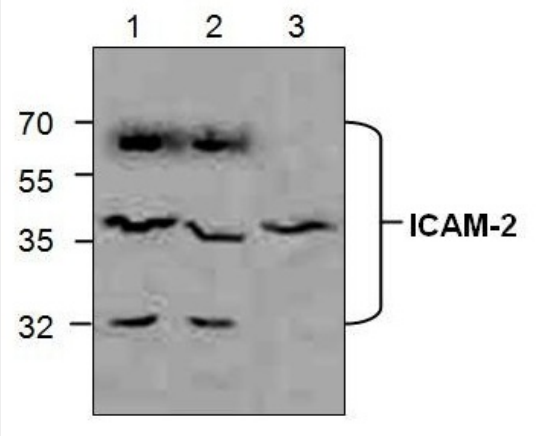
Tissue Location
Expressed in endothelial cells and leukocytes. High levels found in lung

ICAM-2 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 Cytomety
- Cell Culture

ICAM-2 Antibody - Images



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Western blot analysis of ICAM-2 in lysates from Jurkat cells (Lane 1& 2) and 3T3 cells (Lane 3).

ICAM-2 Antibody - Background

Cell adhesion molecules (CAMs) are a family of closely related cell surface glycoproteins involved in cell-cell interactions during growth and are tho µght 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-2 is involved in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion.