

Rabbit Anti-ICAM1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52125

Specification

Rabbit Anti-ICAM1 Polyclonal Antibody - Product Information

Application IF, WB, IHC-P
Primary Accession P13597
Reactivity Mouse, Rat
Host Rabbit
Clonality Polyclonal

Rabbit Anti-ICAM1 Polyclonal Antibody - Additional Information

Gene ID 15894

Other Names

CD54; Ly-47; Icam-1; MALA-2; Intercellular adhesion molecule 1; MyD1; Icam1

Dilution

IF~~1:100~1:200<br \> WB~~1:100~1:500<br \> IHC-P~~1:100~1:500

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Rabbit Anti-ICAM1 Polyclonal 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.

Tissue Location

Expressed at low level on a subpopulation of lymphocytes, macrophages, and endothelial cells, but is strongly induced on these cells, and on fibroblasts and epithelial cells

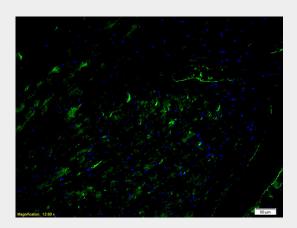


Rabbit Anti-ICAM1 Polyclonal Antibody - Protocols

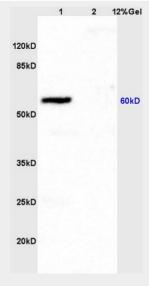
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Rabbit Anti-ICAM1 Polyclonal Antibody - Images

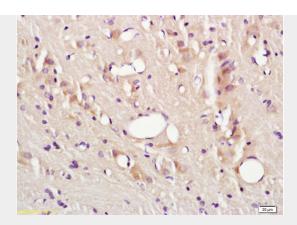


Formalin-fixed and paraffin embedded mouse heart tissue labeled with Anti-CD54/ICAM-1 Polyclonal Antibody AP52125, Unconjugated at 1:200, followed by conjugation to the secondary antibody Goat Anti-Rabbit IgG, FITC conjugated used at 1:200 dilution for 40 minutes at 37°C and DAPI staining



Lane 1: rat brain lysates Lane 2: rat heart lysates probed with Anti CD54/ICAM-1 Polyclonal Antibody, Unconjugated (AP52125) at 1:200 in 4°C. Followed by conjugation to secondary antibody at 1:3000 90min in 37°C. Predicted band 60kD. Observed band size: 60kD.





Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-CD54/ICAM-1 Polyclonal Antibody (AP52125), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

Rabbit Anti-ICAM1 Polyclonal Antibody - Background

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).