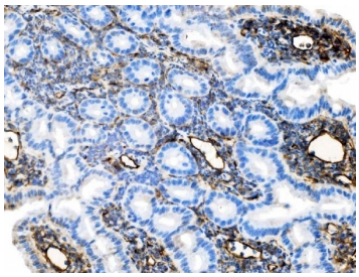
# Icam1 Antibody (RQ6320)

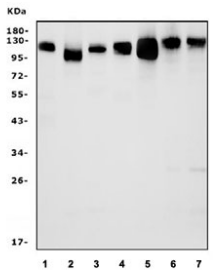
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ6320 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | P13597 |
| **Applications** | Western blot: 0.5-1ug/ml<br>Immunohistochemistry (FFPE): 2-5ug/ml<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This Icam1 antibody is available for research use only. |



IHC staining of FFPE mouse intestine tissue with Icam1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.




Western blot testing of mouse 1) spleen, 2) thymus, 3) liver, 4) kidney, 5) lung, 6) RAW264.7 and 7) ANA-1 cell lysate with Icam1 antibody. The expected observed molecular weight of this glycoprotein is 75~115 kDa.

## Description

CD54, also known as ICAM-1. Intercellular adhesion molecule-1 (ICAM1) is a ligand for lymphocyte function-associated (LFA) antigens. ICAM-1 is an integral membrane protein, a member of the immunoglobulin superfamily, and a ligand for LFA-1, a beta 2 leukocyte integrin. This protein is the major human rhinovirus receptor. The ICAM1 gene is mapped to human chromosome 19. In humans, lymphocyte adhesion to cells is mediated by the protein heterodimer CD11a/CD18 (Leu-CAMa, LFA-1) and its ligand CD54 (ICAM-1).

For an alternative monoclonal targeting ICAM1/CD54, see our ICAM1 Antibody ICAM1/6319 / Cell Adhesion Molecule Antibody page.

## Application Notes

Optimal dilution of the Icam1 antibody should be determined by the researcher.

## Immunogen

Recombinant mouse protein (amino acids K53-P537) was used as the immunogen for the Icam1 antibody.

## Storage

After reconstitution, the Icam1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.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