

ICAM2 rabbit monoclonal antibody

Catalog # H00003384-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ICAM2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ICAM2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ICAM2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ICAM2

Entrez GeneID [3384](#)

GeneBank Accession# [ICAM2](#)

Gene Name ICAM2

Gene Alias CD102

Gene Description intercellular adhesion molecule 2

Omim ID [146630](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein 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. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations -

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)

- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)