

ICAM1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3862a**Specification**

ICAM1 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P05362
Other Accession	NP_000192.2 , 3383
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	57825

ICAM1 Antibody (internal region) - Additional Information**Gene ID** 3383**Other Names**

Intercellular adhesion molecule 1, ICAM-1, Major group rhinovirus receptor, CD54, ICAM1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ICAM1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ICAM1 Antibody (internal region) - Protein Information**Name** ICAM1**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.

Cellular Location

Membrane; Single-pass type I membrane protein.

ICAM1 Antibody (internal region) - 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](#)

ICAM1 Antibody (internal region) - Images

AF3862a (2 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ICAM1 Antibody (internal region) - Background

The immunizing peptide represents part of the extracellular domain, and it does not overlap any known glycosite.

ICAM1 Antibody (internal region) - References

Determining beta2-integrin and intercellular adhesion molecule 1 binding kinetics in tumor cell adhesion to leukocytes and endothelial cells by a gas-driven micropipette assay. Fu C, Tong C, Wang M, Gao Y, Zhang Y, Lü S, Liang S, Dong C, Long M. J Biol Chem. 2011 Oct 7;286(40):34777-87. PMID: 21840991