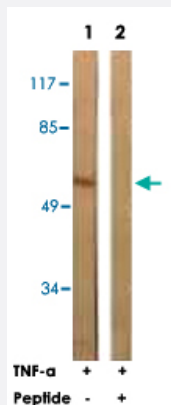


ICAM3 polyclonal antibody

Catalog # PAB17305 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, treated with TNF- α (20 ng/ml, 5 mins), using ICAM3 polyclonal antibody (Cat # PAB17305). Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of A-549 cells, using ICAM3 polyclonal antibody (Cat # PAB17305). Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ICAM3.
Immunogen	A synthetic peptide corresponding to residues surrounding serine 518 of human ICAM3.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total ICAM-3 protein.
Form	Liquid

Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, treated with TNF- α (20 ng/ml, 5 mins), using ICAM3 polyclonal antibody (Cat # PAB17305).

Peptide "+" means "with peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of A-549 cells, using ICAM3 polyclonal antibody (Cat # PAB17305).

Peptide "+" means "with peptide blocking".

Gene Info — ICAM3

Entrez GeneID	3385
Protein Accession#	P32942
Gene Name	ICAM3
Gene Alias	CD50, CDW50, ICAM-R
Gene Description	intercellular adhesion molecule 3
Omim ID	146631
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 is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. [provided by RefSeq]

Other Designations

intercellular adhesion molecule-3

Publication Reference

- [Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry.](#)
Liu T, Qian WJ, Gritsenko MA, Camp DG 2nd, Monroe ME, Moore RJ, Smith RD.
Journal of Proteome Research 2005 Nov; 4(6):2070.
- [Cloning and expression of intercellular adhesion molecule 3 reveals strong homology to other immunoglobulin family counter-receptors for lymphocyte function-associated antigen 1.](#)
de Fougères AR, Klickstein LB, Springer TA.
The Journal of Experimental Medicine 1993 Apr; 177(4):1187.
- [Molecular cloning of ICAM-3, a third ligand for LFA-1, constitutively expressed on resting leukocytes.](#)
Fawcett J, Holness CL, Needham LA, Turley H, Gatter KC, Mason DY, Simmons DL.
Nature 1992 Dec; 360(6403):481.

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Severe Acute Respiratory Syndrome](#)