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ICAM3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ICAM3.
Catalog # AT2469a

Product Information

Application	WB, IHC
Primary Accession	P32942
Other Accession	BC058903
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b kappa
Clone Names	2F8
Calculated MW	59541

Additional Information

Gene ID	3385
Other Names	Intercellular adhesion molecule 3, ICAM-3, CDw50, ICAM-R, CD50, ICAM3
Target/Specificity	ICAM3 (AAH58903, 30 a.a. ~ 547 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ICAM3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

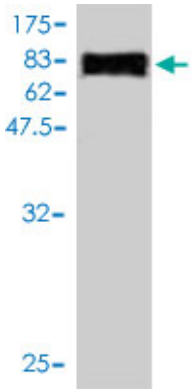
The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly 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.

References

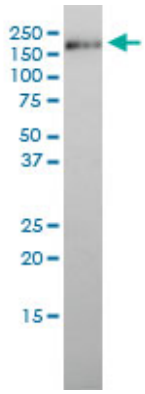
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes

Care, 2010 Jul 13. PMID 20628086.Polymorphisms in innate immunity genes and risk of childhood leukemia. Han S, et al. Hum Immunol, 2010 Jul. PMID 20438785.Risk of meningioma and common variation in genes related to innate immunity. Rajaraman P, et al. Cancer Epidemiol Biomarkers Prev, 2010 May. PMID 20406964.Large-scale candidate gene analysis of spontaneous clearance of hepatitis C virus. Mosbruger TL, et al. J Infect Dis, 2010 May 1. PMID 20331378.No significant effect of orally administered chemokine receptor 1 antagonist on intercellular adhesion molecule-3 expression in relapsing--remitting multiple sclerosis patients. Reuss R, et al. Mult Scler, 2010 Mar. PMID 20086017.

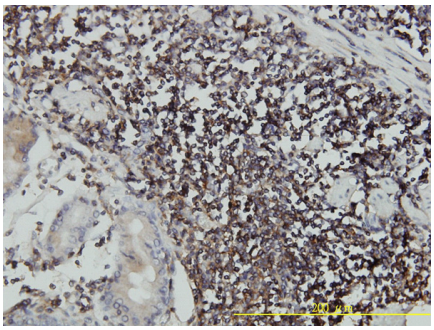
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (82.72 KDa) .



ICAM3 monoclonal antibody (M01), clone 2F8 Western Blot analysis of ICAM3 expression in HL-60 ((Cat # AT2469a)



Immunoperoxidase of monoclonal antibody to ICAM3 on formalin-fixed paraffin-embedded human stomach carcinoma tissue. [antibody concentration 3 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.