

Rabbit MAdCAM-1 Polyclonal Antibody | anti-MAdCAM-1 antibody

MAdCAM-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311991	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MAdCAM-1; Polyclonal Antibody; MAdCAM-1 Antibody; Addressin mucosal antibody; hMAdCAM 1 antibody; hMAdCAM-1 antibody; MACAM1 antibody; MADCA_HUMAN antibody; MAdCAM 1 antibody; MAdCAM-1 antibody; Madcam1 antibody; Mucosal addressin cell adhesion molecule 1 antibody; Mucosal vascular addressin cell adhesion molecule 1 antibody; anti-MAdCAM-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MAdCAM-1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Endothelial cells from BALB/c mouse mesenteric and peripheral lymph nodes.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES


WB (Western Blot)

Western blot analysis of MAdCAM-1 expression in non-transfected (A) and mouse MAdCAM-1 transfected (B) 293T whole cell lysates.


WB (Western Blot)

Western blot analysis of MAdCAM-1 expression in ECV304 whole cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAdCAM-1 antibody	The recirculation of lymphocytes through different organs is thought to be regulated by adhesion molecules (homing receptors) recognizing tissue-specific vascular addressins on the endothelium. The mucosal vascular addressin, MAdCAM-1 (mucosal addressin cell adhesion molecule 1), is an immunoglobulin superfamily adhesion molecule for lymphocytes that is expressed by mucosal venules and helps direct lymphocyte traffic into Peyer's patches and the intestinal lamina propria. MAdCAM-1 acts as an endothelial cell ligand for leukocyte homing receptors L-Selectin and Integrin alpha4/beta 7. MAdCAM-1 is strongly expressed on inflamed portal vein/sinusoidal endothelium in autoimmune-mediated liver disease and plays a major contributory role in the progression of chronic experimental autoimmune encephalomyelitis.
Product Categories/Family for anti-MAdCAM-1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633022
NCBI GeneID	8174
NCBI Accession #	NP_570116.2
NCBI GenBank Nucleotide #	NM_130760.2
UniProt Accession #	Q13477; O60222; O75867; A5PKV4; B2RPL9
Molecular Weight	40,155 Da
NCBI Official Full Name	mucosal addressin cell adhesion molecule 1 isoform a
NCBI Official Synonym Full Names	mucosal vascular addressin cell adhesion molecule 1
NCBI Official Symbol	MADCAM1
NCBI Official Synonym Symbols	MACAM1
NCBI Protein Information	mucosal addressin cell adhesion molecule 1; MAdCAM-1; hMAdCAM-1; mucosal addressin cell adhesion molecule-1
UniProt Protein Name	Mucosal addressin cell adhesion molecule 1
UniProt Gene Name	MADCAM1
UniProt Synonym Gene Names	MAdCAM-1; hMAdCAM-1
UniProt Entry Name	MADCA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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