Anti-MADCA antibody

Description	Unconjugated Rabbit polyclonal to MADCA

Model	STJ190987
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MADCA protein.
Immunogen Region	260-340aa
Gene ID	8174
Gene Symbol	MADCAM1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MADCA Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed on high endothelial venules (HEV) and lamina propia venules found in the small intestine, and to a lesser extent in the colon and spleen. Very low levels of expression found in pancreas and brain. Not expressed in the thymus, prostate, ovaries, testis, heart, placenta, lung, liver, skeletal muscle, kidney or peripheral blood leukocytes.
Purification	MADCA antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Mucosal addressin cell adhesion molecule 1 MAdCAM-1 hMAdCAM-1

Molecular Weight	42 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6765OMIM:102670
Alternative Names	Mucosal addressin cell adhesion molecule 1 MAdCAM-1 hMAdCAM-1
Function	Cell adhesion leukocyte receptor expressed by mucosal venules, helps to direct lymphocyte traffic into mucosal tissues including the Peyer patches and the intestinal lamina propria. It can bind both integrin alpha-4/beta-7 and L-selectin, regulating both the passage and retention of leukocytes. Isoform 2, lacking the mucin-like domain, may be specialized in supporting integrin alpha-4/beta-7-dependent adhesion strengthening, independent of L-selectin binding.
Cellular Localization	Membrane. Single-pass type I membrane protein.
Post-translational Modifications	The Ser/Thr-rich mucin-like domain may provide possible sites for O-glycosylation.