

MADCA Polyclonal Antibody

Cat #: ABP59180

Size: 30µl /100µl /200µl

Product Information

	Product Name: MADCA Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP59180	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: MADCAM1 (Mucosal Vascular Addressin Cell Adhesion Molecule 1) is a Protein Coding gene. Diseases associated with MADCAM1 include Colitis and Inflammatory Bowel Disease. Among its related pathways are Paxillin-dependent events mediated by $\alpha 4\beta 1$ and Cell adhesion molecules (CAMs). The protein encoded by MADCAM1 is an endothelial cell adhesion molecule that interacts preferentially with the leukocyte $\beta 7$ integrin LPAM-1 ($\alpha 4\beta 7$), L-selectin, and VLA-4 ($\alpha 4\beta 1$) on myeloid cells to direct leukocytes into mucosal and inflamed tissues. It is a member of the immunoglobulin family and is similar to ICAM1 and VCAM1. At least seven alternatively spliced transcripts encoding different protein isoforms have been found for MADCAM1, but the full-length nature of some variants has not been determined.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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