



## MADCA Polyclonal Antibody

Cat #: ABP59180

Size: 30µl /100µl /200µl

### Product Information

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

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.