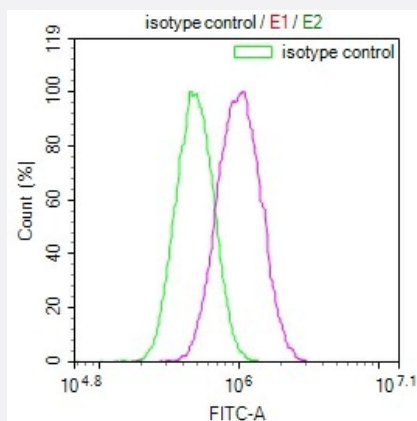


RecomAb™

MADCAM1 recombinant monoclonal antibody, clone 12B5

Catalog # RAB07599 Size 100 uL

Applications



Flow Cytometry

Overlay Peak curve showing PC3 cells stained with MADCAM1 recombinant monoclonal antibody, clone 12B5 (red line) at 1:100.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MADCAM1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MADCAM1.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)

Storage Instruction

Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Overlay Peak curve showing PC3 cells stained with MADCAM1 recombinant monoclonal antibody, clone 12B5 (red line) at 1:100.

Gene Info — MADCAM1

Entrez GeneID[8174](#)**Protein Accession#**[Q13477](#)**Gene Name**

MADCAM1

Gene Alias

MACAM1

Gene Description

mucosal vascular addressin cell adhesion molecule 1

Omim ID[102670](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an endothelial cell adhesion molecule that interacts preferentially with the leukocyte beta7 integrin LPAM-1 (alpha4beta7), L-selectin, and VLA-4 (alpha4beta1) 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 this gene, but the full-length nature of some variants has not been determined. [provided by RefSeq]

Other Designations

mucosal addressin cell adhesion molecule-1

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cholangitis](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Inflammatory Bowel Diseases](#)