

Anti-MAdCAM-1 [MECA-367] Vivopure 10 mg Ab00621-2.3-VPT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), Kappa

Clone Number: MECA-367

Alternative Name(s) of Target: Addressin; mucosal vascular addressin cell adhesion molecule 1

UniProt Accession Number of Target Protein:

Published Application(s): IP, WP, Block, FC, IHC

Published Species Reactivity: Mouse

Immunogen: Endothelial cells isolated from BALB/c mouse mesenteric and peripheral lymph nodes

Specificity: This antibody binds to mouse MAdCAM-1, a mucosal vascular addressin.

Application Notes: This antibody binds to mouse MAdCAM-1 and can be used to block lymphocyte adhesion in vitro and in vivo.

Antibody First Published in: Streeter et al. A tissue-specific endothelial cell molecule involved in lymphocyte homing. Nature. 1988 Jan 7;331(6151):41-6. [PMID:3340147](#)

Note on publication: Describes the role of MAdCAM-1 in lymphocyte homing.

Product Form

Size: 10 mg Vivopure products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. As a result Vivopure products are the ideal choice for in vivo research applications.

Purification: Protein A affinity purified

Supplied In: PBS only, with >98% antibody purity and <1 EU/mg guaranteed.

Storage Recommendation: All vivopure products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense

under sterile conditions.

Concentration: $\geq 1\text{mg}$ (see vial label for exact conc)

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.