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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MAdCAM1 Antibody Fluoro594 Conjugated

Catalog Number: A04227-2-Fluoro594

About MADCAM1

MADCAM1 (Mucosal Vascular Addressin Cell Adhesion Molecule 1), also known as MACAM1, is a protein that in humans is encoded by the MADCAM1 gene. By PCR-based analysis of somatic cell hybrids, this gene is mapped to chromosome 19. The protein encoded by this gene is an endothelil cell adhesion molecule that interacts preferentially with the leukocyte beta7 integrin LPAM-1 (alpha4 / beta7), L-selectin, and VLA-4 (alpha4 / beta1) on myeloid cells to direct leukocytes into mucosal and inflamed tissues. It is a member of the immunoglobulin superfamily and is similar to ICAM-1 and VCAM-1.

Overview

Product Name	Anti-MAdCAM1 Antibody Fluoro594 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (IHC). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q13477

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human MAdCAM1, which shares 56.5% amino acid (aa) sequence identity with mouse MAdCAM1.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-MAdCAM1 Antibody - Fluoro594

For Research Use Only. Not for use in diagnostic procedures.