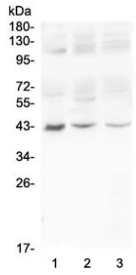
MADCAM1 Antibody (RQ4529)

Catalog No.	Formulation	Size
RQ4529	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q13477
Applications	Western blot: 0.5-1ug/ml
Limitations	This MADCAM1 antibody is available for research use only.



Western blot testing of MADCAM1 antibody in HeLa cell lysate. Predicted molecular weight ~40 kDa.

Description

Mucosal Vascular Addressin Cell Adhesion Molecule 1 is a protein that in humans is encoded by the MADCAM1 gene. By PCR-based analysis of somatic cell hybrids, Leung et al.(1997) mapped the gene 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the MADCAM1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids QELEGAQALGPEVQEEEEEPQGDEDVLFRVTERWRL were used as the immunogen for this MADCAM1 antibody.

Storage

After reconstitution, the MADCAM1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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