

Product datasheet for **SM2238P**

MADCAM1 Mouse Monoclonal Antibody [Clone ID: 17F5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	17F5
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot (<i>Non-Reducing Conditions</i>). Detects a band of approximately 60kDa. Immunohistochemistry on Paraffin Embedded Sections: 1/50-1/100. This product does not require protein digestion prior to staining. This product does not require HIER prior to staining.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant soluble MAdCAM-1-fc fusion protein. Spleen cells from immunised Balb/c mice were fused with cells of the mouse P3X63Ag8.653 myeloma cell line.
Specificity:	This antibody recognizes Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM-1). Clone 17F5 recognizes the Mucin domain of MAdCAM-1. This antibody does not block the function of MAdCAM-1 (<i>Leung, E. et al. 2004</i>).
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name:	mucosal vascular addressin cell adhesion molecule 1
Database Link:	Entrez Gene 8174 Human Q13477
Background:	Mucosal Addressin Cell Adhesion Molecule 1 (MAdCAM-1) is a 60kD transmembrane protein that belongs to the immunoglobulin superfamily. MAdCAM-1 is strongly expressed on mucosal lymphoid tissue and high endothelial venules of Peyer's patches. Human MAdCAM-1 interacts with the beta 7 integrin LPAM-1 (alpha4beta7), CD62L, and VLA-4 (alpha4beta1) and is involved in lymphocyte trafficking.
Synonyms:	hMAdCAM-1, MAdCAM-1, Mucosal addressin cell adhesion molecule 1