

MAdCAM-1 Monoclonal Antibody (17F5), Biotin

Catalog NumberMA5-16452

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Monoclonal	ELISA (ELISA)	1 -10 µg/mL
Type	Antibody	Flow Cytometry (Flow)	Neat-1:10
Clone	17F5	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant soluble MAdCAM-1-fc fusion protein		
Conjugate	Biotin		
Form	Liquid		
Concentration	0.1 mg/mL		
Storage Conditions	4°C or -20°C if preferred		

Product specific information

For FACS analysis, use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

Background/Target Information

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.

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