

DATASHEET

MAdCAM-1 Rat Monoclonal Antibody(MECA-367)

CAT. NO. AMA03824

KEY FEATURES

Target	MAdCAM-1	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG2a kappa . Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to MAdCAM-1
Specificity	Recognizes mouse MAdCAM-1
Antibody Type	Primary antibody
Immunogen	Endothelial cells
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG2a kappa . Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	Mucosal addressin cell adhesion molecule 1; MAdCAM-1; hMAdCAM-1
Gene Symbol	MADCAM1
Entrez Gene	17123(Mouse)
SwissProt	Q61826(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.