

Datasheet: MCA2096Z

BATCH NUMBER 140115

Description:	MOUSE ANTI HUMAN MAdCAM-1:Preservative Free
Specificity:	MAdCAM-1
Other names:	MUCOSAL ADDRESSIN CELL ADHESION MOLECULE-1
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	CA 102.2C1
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			
Functional Assays	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Bacterially expressed human MAdCAM-1.
External Database Links	<p>UniProt: Q13477 Related reagents</p> <p>Entrez Gene: 8174 MADCAM1 Related reagents</p>
RRID	AB_324565
Specificity	<p>Mouse anti Human MAdCAM-1 antibody, clone CA102.2C1 recognizes human mucosal addressin cell adhesion molecule -1, also known as MAdCAM-1. Human MAdCAM-1 is a 382 amino acid ~40-60 kDa single pass type 1 transmembrane glycoprotein expressed by vascular endothelium (UniProt :Q13477).</p> <p>Mouse anti Human MAdCAM-1 antibody, clone CA102.2C1 has been reported to block the binding of human cells expressing alpha4 Beta7 to immobilized MAdCAM-1 <i>in vitro</i> (Grant et al. 2001).</p>
References	<ol style="list-style-type: none"> Eksteen, B. <i>et al.</i> (2006) Epithelial inflammation is associated with CCL28 production and the recruitment of regulatory T cells expressing CCR10. J Immunol. 177: 593-603. Liaskou, E. <i>et al.</i> (2011) Regulation of mucosal addressin cell adhesion molecule 1 expression in human and mice by vascular adhesion protein 1 amine oxidase activity. Hepatology. 53: 661-72. Krissansen, G. <i>et al.</i> (2007) Monoclonal Antibodies That Recognise Mucosal Addressin Cell Adhesion Molecule-1 (Madcam-1), Soluble Madcam-1 And Uses Thereof US Patent Application: US20070202097A1. Liaskou, E. (2010) MAdCAM-1 Expression and Function in Human Liver. PhD Thesis, University of Birmingham, UK.
Storage	<p>Store at -20° only.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the product. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/MCA2096Z 10162
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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