Datasheet: MCA947G BATCH NUMBER 162303

Description:	RAT ANTI MOUSE CD169
Specificity:	CD169
Other names:	SIALOADHESIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	MOMA-1
lsotype:	lgG2a
Quantity:	0.25 mg

Product Details

Product Form

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 <u>www.bio-rad-antibodies.com/protocols</u>.

		Yes	No	Not Determined	Suggested Dilution
	Flow Cytometry			•	
	Immunohistology - Frozen				
	Immunohistology - Paraffin			•	
	ELISA			•	
	Immunoprecipitation			•	
	Western Blotting				
	Immunofluorescence	•			
where this product has not been tested for use in a particular necessarily exclude its use in such procedures. Suggested w a guide only. It is recommended that the user titrates the proc system using appropriate negative/positive controls.				use in a particular tecr ires. Suggested workin er titrates the product f controls.	inique this does not g dilutions are given as or use in their own
Target Species	Mouse				
Species Cross Reactivity	Does not react with:Human, Rat				

 Preparation
 Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Purified IgG - liquid

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Stromal (reticular) elements from mouse lymph nodes.
External Database Links	UniProt: <u>Q62230</u> <u>Related reagents</u> Entrez Gene: 20612 Siglec1 Related reagents
Synonyms	Sa, Sn
Fusion Partners	Spleen cells from hyperimmunized mice were fused with cells from the murine SP2/0 myeloma.
Specificity	Rat anti Mouse CD169, clone MOMA-1 recognizes murine CD169, also known as sialoadhesin or Siglec-1. CD169 is a lectin-like receptor expressed by certain populations of macrophages including marginal zone metallophils of the spleen, subcapsular macrophages of lymph nodes and stromal macrophages in bone marrow (Morris <i>et al.</i> <u>1991</u>).
	CD169 is a ~185 kDa sialic acid binding receptor containing 17 immunoglobulin-like domains (<u>Crocker <i>et al.</i> 1992</u>). Expression of CD169 can be induced on macrophages in culture by a serum factor and further modulated by cytokine exposure (<u>McWilliam <i>et al.</i></u> 1992).
	Rat anti mouse CD169, clone MOMA-1 has been used for the <i>in vivo</i> depletion of specific macrophage populations (<u>Kraal <i>et al.</i> 1988</u>).
Histology Positive Control Tissue	Lymphoid tissue
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Storage	This product is shipped at ambient temperature. It is recommen-20°C on receipt. When thawed, aliquot the sample as needed, short term use (up to 4 weeks) and store the remaining aliquots Avoid repeated freezing and thawing as this may denature the frost-free freezers is not recommended.	nded to aliquot and store at Keep aliquots at 2-8°C for s at -20°C. antibody. Storage in
Guarantee	12 months from date of despatch	
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA947G 10040	
Regulatory	For research purposes only	

Related Products

Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR16)	<u>DyLight®800</u>	
Rabbit Anti Rat IgG (STAR17)	FITC	
Goat Anti Rat IgG (STAR72)	HRP	
Goat Anti Rat IgG (STAR69)	FITC	
Goat Anti Rat IgG (STAR73)	RPE	
Rabbit Anti Rat IgG (STAR21)	HRP	
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71) <u>DyLight®550</u> , <u>DyLight®650</u> , <u>DyLight®800</u>		
Goat Anti Rat IgG (STAR131)	Alk. Phos., Biotin	

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