# Datasheet: MCA947G BATCH NUMBER 162305

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**

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 n	ot been t	tested for	use in a particular tech	nique this does not
	a guide only. It is recommended that the user titrates the product for use i system using appropriate negative/positive controls.				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

Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	<0.1% Sodium Azide (NaN <sub>3</sub> )	
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: <u>20612</u> Siglec1 <u>Related reagents</u>	
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> 1991). CD169 is a ~185 kDa sialic acid binding receptor containing 17 immunoglobulin-like domains (Crocker <i>et al.</i> 1992). Expression of CD169 can be induced on macrophages in culture by a serum factor and further modulated by cytokine exposure (McWilliam <i>et al.</i> 1992). Rat anti mouse CD169, clone MOMA-1 has been used for the <i>in vivo</i> depletion of specifi macrophage populations (Kraal <i>et al.</i> 1988).	l
Histology Positive Control Tissue	Lymphoid tissue	
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Storage	nded to aliquot and store at . Keep aliquots at 2-8°C for is 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)	DyLight®800
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	)DyLight®550, DyLight®650, DyLight®800
Goat Anti Rat IgG (STAR131)	Alk. Phos., Biotin

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