

Datasheet: MCA2619

Description:	RAT ANTI HUMAN SI-CLP
Specificity:	SI-CLP
Other names:	STABILIN-1-INTERACTING CHITINASE-LIKE PROTEIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	1C11
Isotype:	IgG2a
Quantity:	0.2 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 (1)	■			1/10 - 1/100
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA			■	
Immunoprecipitation			■	
Western Blotting	■			
Immunofluorescence	■			

Where this product 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 product for use in their own system using appropriate negative/positive controls.

(1)Membrane permeabilisation is required for this application. Bio-Rad recommends the use of Leucoperm™ (Product Code [BUF09](#)) for this purpose.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	SI-CLP fragment corresponding to amino acids 24-73 expressed as a GST fusion protein in <i>E.Coli</i> .
External Database Links	<p>UniProt: Q9BWS9 Related reagents</p> <p>Entrez Gene: 66005 CHID1 Related reagents</p>
RRID	AB_1055859
Specificity	Rat anti Human SI-CLP antibody, clone 1C11 detects human Stabilin-interacting chitinase like protein (SI-CLP), a novel member of the Glyco-18-domain containing protein family. SI-CLP is a secretory protein which is up-regulated in response to interleukin-4 and dexamethasone in activated macrophages. SI-CLP is also expressed by T- and B-lymphocytes, and by cells of monocytic and epithelial origin. SI-CLP is the ligand for stabilin-1, an intracellular sorting receptor which sorts SI-CLP into late endosomes and secretory lysosomes in activated macrophages.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Western Blotting	MCA2619 detects bands of approximately 33 and 39kDa in U937 cell lysates.
References	<p>1. Kzhyshkowska, J. <i>et al.</i> (2006) Novel stabilin-1 interacting chitinase-like protein (SI-CLP) is up-regulated in alternatively activated macrophages and secreted via lysosomal pathway. Blood. 107 (8): 3221-8.</p> <p>2. Kzhyshkowska, J. <i>et al.</i> (2006) Stabilin-1, a homeostatic scavenger receptor with multiple functions. J Cell Mol Med. 10 (3): 635-49.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf

Related Products

Recommended Secondary Antibodies

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