

## Datasheet: MCA2619A647

<b>Description:</b>	RAT ANTI HUMAN SI-CLP:Alexa Fluor® 647
<b>Specificity:</b>	SI-CLP
<b>Other names:</b>	STABILIN-1-INTERACTING CHITINASE-LIKE PROTEIN
<b>Format:</b>	ALEXA FLUOR® 647
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	1C11
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	100 TESTS/1ml

### 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry (1)	▪			Neat

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.**

<b>Target Species</b>	Human		
<b>Product Form</b>	Purified IgG conjugated to Alexa Fluor® 647 - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	Alexa Fluor®647	650	665
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	1% Bovine Serum Albumin		

<b>Approx. Protein Concentrations</b>	IgG concentration 0.05mg/ml
<b>Immunogen</b>	SI-CLP fragment corresponding to amino acids 24-73 expressed as a GST fusion protein in <i>E.Coli</i> .
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9BWS9</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">66005</a> CHID1    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_1102848
<b>Specificity</b>	<b>Rat anti Human SI-CLP antibody, clone 1C11</b> 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.
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $1 \times 10^6$ cells in 100ul.
<b>References</b>	<ol style="list-style-type: none"> <li>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. <a href="#">Blood. 107 (8): 3221-8.</a></li> <li>2. Kzhyshkowska, J. <i>et al.</i> (2006) Stabilin-1, a homeostatic scavenger receptor with multiple functions. <a href="#">J Cell Mol Med. 10 (3): 635-49.</a></li> </ol>
<b>Storage</b>	<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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	18 months from date of despatch.
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**Health And Safety Information**      Material Safety Datasheet documentation #10041 available at:  
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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**Regulatory**                      For research purposes only

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## Related Products

### Recommended Negative Controls

[RAT IgG2a NEGATIVE CONTROL:Alexa Fluor® 647 \(MCA6005A647\)](#)

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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