

Datasheet: AAM49

**BATCH NUMBER 154738**

<b>Description:</b>	RABBIT ANTI MOUSE RANTES
<b>Specificity:</b>	RANTES
<b>Other names:</b>	CCL5
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA	▪			0.5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 0.2ug/ml
Functional Assays	▪			6.0ug/ml - 8.0ug/ml

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.

**Target Species** Mouse

**Product Form** Purified IgG - lyophilised

**Reconstitution** Reconstitute with 0.1 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

**Antiserum Preparation** Antisera to mouse RANTES were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml after reconstitution
<b>Immunogen</b>	Recombinant mouse RANTES.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P30882</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">20304</a>    Ccl5    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Scya5
<b>RRID</b>	AB_2275384
<b>Specificity</b>	<p><b>Rabbit anti Mouse RANTES antibody</b> recognizes mouse RANTES, also known as CCL5.</p> <p>RANTES is expressed by circulating T cells and T cells in culture. RANTES is chemotactic for peripheral blood monocytes.</p>
<b>References</b>	<ol style="list-style-type: none"> <li>Ruddell, R.G. <i>et al.</i> (2009) Lymphotoxin-beta receptor signaling regulates hepatic stellate cell function and wound healing in a murine model of chronic liver injury. <a href="#">Hepatology. 49: 227-39.</a></li> <li>Keepers, T.R. <i>et al.</i> (2007) Monocyte chemoattractant protein 1, macrophage inflammatory protein 1 alpha, and RANTES recruit macrophages to the kidney in a mouse model of hemolytic-uremic syndrome. <a href="#">Infect Immun. 75: 1229-36.</a></li> <li>Hildebrandt, G.C. <i>et al.</i> (2005) Donor T-cell production of RANTES significantly contributes to the development of idiopathic pneumonia syndrome after allogeneic stem cell transplantation. <a href="#">Blood. 105: 2249-57.</a></li> </ol>
<b>Storage</b>	<p>Prior to reconstitution store at -20°C.  After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. 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>	6 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10162 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/AAM49">https://www.bio-rad-antibodies.com/SDS/AAM49</a>  10162</p>

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

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