

Datasheet: AAR18B

**BATCH NUMBER 160811**

<b>Description:</b>	RABBIT ANTI RAT RANTES:Biotin
<b>Specificity:</b>	RANTES
<b>Other names:</b>	CCL5
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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	▪			0.15ug/ml - 0.30ug/ml
Western Blotting	▪			0.1ug/ml - 0.2ug/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.

<b>Target Species</b>	Rat
<b>Product Form</b>	Purified IgG conjugated to Biotin - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.5 ml sterile PBS containing 0.1% Bovine Serum Albumin. 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.
<b>Antiserum Preparation</b>	Antisera to rat RANTES were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	None Present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml after reconstitution
<b>Immunogen</b>	Recombinant rat RANTES.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P50231</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">81780</a>    Ccl5    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Scya5
<b>RRID</b>	AB_2228634
<b>Specificity</b>	<p><b>Rabbit anti Rat RANTES antibody</b> recognizes rat RANTES, also known as CCL5, a chemoattractant for blood monocytes, memory T-helper cells and eosinophils. RANTES causes the release of histamine from basophils and activates eosinophils.</p> <p>Rabbit anti Rat RANTES antibody has not been cross-adsorbed and may react with homologous peptides from related species.</p>
<b>ELISA</b>	This antibody may be used in and indirect ELISA or as a detection reagent in a sandwich ELISA in combination with <a href="#">AAR18G</a> as a capture reagent.
<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>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10162 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAR18B">https://www.bio-rad-antibodies.com/SDS/AAR18B</a> 10162
<b>Regulatory</b>	For research purposes only

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