

Datasheet: AAR18B

Description:	RABBIT ANTI RAT RANTES:Biotin
Specificity:	RANTES
Other names:	CCL5
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Rat
Product Form	Purified IgG conjugated to Biotin - lyophilized
Reconstitution	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.
Antiserum Preparation	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.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None Present

Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml after reconstitution
Immunogen	Recombinant rat RANTES.
External Database Links	<p>UniProt: P50231 Related reagents</p> <p>Entrez Gene: 81780 Ccl5 Related reagents</p>
Synonyms	Scya5
RRID	AB_2228634
Specificity	<p>Rabbit anti Rat RANTES antibody 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>
ELISA	This antibody may be used in and indirect ELISA or as a detection reagent in a sandwich ELISA in combination with AAR18G as a capture reagent.
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AAR18B 10294
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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