

Datasheet: AAR18B

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|----------------------|-------------------------------|
| 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 - lyophilised |
| Reconstitution | Reconstitute with 1.0 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 |
| Approx. Protein Concentrations | IgG concentration 50 ug/ml |
| Immunogen | Recombinant rat RANTES |

**External Database
Links**

UniProt:

[P50231](#) [Related reagents](#)

Entrez Gene:

[81780](#) Ccl5 [Related reagents](#)

Synonyms

Scya5

Specificity

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.

Rabbit anti Rat RANTES antibody has not been cross-adsorbed and may react with homologous peptides from related species.

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, and [recombinant rat RANTES](#) (PRP18) as a standard.

Storage

Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.

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. The addition of 0.09% sodium azide is recommended for long term storage.

Shelf Life

12 months from date of reconstitution.

**Health And Safety
Information**

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10162 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

STREPTAVIDIN (STAR119...) [APC](#)

**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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