

Datasheet: AAR23

BATCH NUMBER 160913

Description:	RABBIT ANTI RAT GRO BETA/MIP-2
Specificity:	GRO BETA/MIP-2
Other names:	CXCL2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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	▪			3.0ug/ml - 5.0ug/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	Rat
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Product Form	Purified IgG - lyophilised
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Reconstitution Reconstitute with 0.1 ml distilled water. The addition of 0.09% sodium azide is recommended for long term storage.

N.B. For functional studies do not add sodium azide.

Antiserum Preparation Antisera to rat GRO beta/MIP-2 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
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Preservative Stabilisers	None present
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Carrier Free	Yes
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Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
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Immunogen	Recombinant rat GRO beta/MIP-2.
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External Database Links	UniProt: P30348 Related reagents Entrez Gene: 114105 Cxcl2 Related reagents
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Synonyms	Cinc3, Mip2, Mip-2, Scyb2
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RRID	AB_2261140
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Specificity	Rabbit anti Rat GRO beta/MIP-2 antibody recognizes rat GRO beta/MIP-2, also known CXCL2, an 8kD chemokine which promotes neutrophil chemotaxis and degranulation and is expressed by monocytes, fibroblasts, endothelial cells, synovial cell and several tumour cell lines.
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References	1. Vallès, A. <i>et al.</i> (2006) Differential regulation of the CXCR2 chemokine network in rat brain trauma: implications for neuroimmune interactions and neuronal survival. Neurobiol Dis.22: 312-22.
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Storage	Prior to reconstitution store at -20°C. After 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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AAR23 10162
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

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

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

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

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

Recommended Useful Reagents

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

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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

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