

Datasheet: AAM40

Description:	RABBIT ANTI MOUSE CXCL1
Specificity:	CXCL1
Other names:	GRO1
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	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1ml 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 CXCL1 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	None present

Stabilisers

Carrier Free Yes

Approx. Protein Concentrations IgG concentration 1.0mg/ml after reconstitution.

Immunogen [Recombinant mouse CXCL1](#)

External Database Links

UniProt:
[P12850](#) [Related reagents](#)

Entrez Gene:
[14825](#) Cxcl1 [Related reagents](#)

Synonyms Gro, Gro1, Mgsa, Scyb1

RRID AB_2087692

Specificity **Rabbit anti Mouse CXCL1 antibody** recognizes mouse CXCL1 also known as GRO1 and KC, a ~7.8 kDa chemokine involved in neutrophil chemotaxis and activation, and expressed in a range of cells including monocytes, macrophages and vascular endothelial cells.

ELISA AAM40 may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with [AAM40B](#) as the detection antibody and [PMP66](#) as the standard.

Western Blotting AAM40 may be used under either reducing or non-reducing western blotting conditions with [PMP66](#) as the positive control.

References 1. Liu, H. *et al.* (2017) NLRP3 inflammasome induced liver graft injury through activation of telomere-independent RAP1/KC axis. [J Pathol. 242 \(3\): 284-96.](#)

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10294 available at: 10294: <https://www.bio-rad-antibodies.com/uploads/MSDS/10294.pdf>

Regulatory For research purposes only

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 Positive Controls

[RECOMBINANT MOUSE CXCL1 \(PMP66\)](#)

Recommended Useful Reagents

[RABBIT ANTI MOUSE CXCL1:Biotin \(AAM40B\)](#)

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

North & South Tel: +1 800 265 7376

America 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

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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