

Datasheet: AAM16G

BATCH NUMBER 170711

Description:	RABBIT ANTI MOUSE GM-CSF
Specificity:	GM-CSF
Other names:	GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR
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 ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 0.2ug/ml
Functional Assays	▪			12ng/ml - 20ng/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
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Product Form	Purified IgG - lyophilised
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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. For long term storage the addition of 0.09% sodium azide is recommended. NB: For functional studies do not add azide.

Antiserum Preparation Antisera to mouse GM-CSF were raised by repeated immunisation of rabbits with highly

purified antigen. Purified IgG was prepared 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 after reconstitution.
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Immunogen	Recombinant mouse GM-CSF.
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External Database Links	UniProt: P01587 Related reagents Entrez Gene: 12981 Csf2 Related reagents
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Synonyms	Csfgm
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RRID	AB_323571
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Specificity	Rabbit anti Mouse GM-CSF antibody recognizes mouse granulocyte-macrophage colony-stimulating factor (GM-CSF), a haematopoietic growth factor which exists in both glycosylated and non-glycosylated biologically active forms and stimulates the development of granulocytes, macrophages, early megakaryocytes and eosinophil progenitor cells. The ability of recombinant GM-CSF to increase haematopoietic cell recovery has become a focus area in the therapeutic treatment of patients following bone marrow transplantation.
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References	1. Ding, C. <i>et al.</i> (2005) Diabetes increases expression of ICAM after a brief period of cerebral ischemia. J Neuroimmunol. 161 (1-2): 61-7. 2. Mirza, B. <i>et al.</i> (2004) Intracerebral cytokine profiles in adult rats grafted with neural tissue of different immunological disparity. Brain Res Bull. 63 (2): 105-18.
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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: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
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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 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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