

## Datasheet: 1011201

<b>Description:</b>	RAT ANTI HUMAN GM-CSF
<b>Specificity:</b>	GM-CSF
<b>Other names:</b>	GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	BVD2-21C11
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.5 mg

## Product Details

**RRID** AB\_618525

**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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

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** Human

**Product Form** Purified IgG - liquid

**Buffer Solution** Borate buffered saline

**Preservative Stabilisers** None present

**Approx. Protein Concentrations** 0.5 mg/ml

**External Database Links**  
**UniProt:**  
[P04141](#) [Related reagents](#)

**Entrez Gene:**  
[1437](#) CSF2 [Related reagents](#)

**Synonyms** GMCSF

<b>Specificity</b>	<b>Rat anti Human GM-CSF, clone BVD2-21C11</b> is specific for <a href="#">human Granulocyte-Macrophage Colony-Stimulating Factor</a> . GM-CSF is a secreted cytokine that stimulates the growth and differentiation of hematopoietic precursor cells.
<b>Storage</b>	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
<b>Shelf Life</b>	18 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10123 available at: 10123: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR17...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR69...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR131...)	<a href="#">Alk. Phos.</a> , <a href="#">Biotin</a>
Goat Anti Rat IgG (STAR73...)	<a href="#">RPE</a>
Rabbit Anti Rat IgG (STAR21...)	<a href="#">HRP</a>
Goat Anti Rat IgG (STAR72...)	<a href="#">HRP</a>
Rabbit Anti Rat IgG (STAR16...)	<a href="#">DyLight®800</a>
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	<a href="#">DyLight®649</a> , <a href="#">DyLight®800</a>

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