

## Datasheet: 1011101

<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>	BVD2-23B6
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.5 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			■	
ELISA	■			
Immunoprecipitation	■			
Western Blotting	■			1.0 - 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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P04141</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1437</a>   CSF2   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	GMCSF

<b>Specificity</b>	<b>Rat anti Human GM-CSF antibody, clone BVD2-23B6</b> recognizes human Granulocyte Macrophage Colony-Stimulating Factor (GM-CSF), a 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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Shelf Life</b>	Please see label for expiry date
<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 (STAR16...)	<a href="#">DyLight®800</a>
Goat Anti Rat IgG (STAR73...)	<a href="#">RPE</a>
Rabbit Anti Rat IgG (STAR21...)	<a href="#">HRP</a>
Rabbit Anti Rat IgG (STAR17...)	<a href="#">FITC</a>
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	<a href="#">DyLight®649</a> , <a href="#">DyLight®800</a>
Goat Anti Rat IgG (STAR131...)	<a href="#">Alk. Phos.</a> , <a href="#">Biotin</a>
Goat Anti Rat IgG (STAR69...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR72...)	<a href="#">HRP</a>

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