

Datasheet: VMA00213

BATCH NUMBER 061015

Description:	MOUSE ANTI GM-CSF
Specificity:	GM-CSF
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OT11A3
Isotype:	IgG2b
Quantity:	100 µl

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
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein corresponding to amino acids 18-144 of human GM-CSF (NP_000749) produced in <i>E. coli</i>
External Database Links	<p>UniProt: P04141 Related reagents</p> <p>Entrez Gene: 1437 CSF2 Related reagents</p>
Synonyms	GMCSF
Specificity	<p>Mouse anti Human GM-CSF antibody, clone OT1A3 recognizes granulocyte-macrophage colony-stimulating factor (GM-CSF), also known as CSF, molgramostin and sargramostim.</p> <p>Encoded by the CSF2 gene, GM-CSF is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. CSF2 has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13 (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human GM-CSF antibody, clone OT1A3 detects a band of 25 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti GM-CSF detects a band of approximately 25 kDa in Mouse thymus cell lysates
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00213 Antibody (10048)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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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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