

Product Datasheet

GM-CSF Antibody - Azide and BSA Free NBP1-42743

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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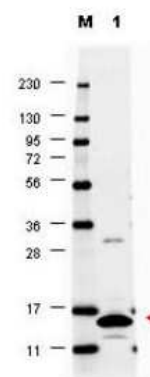
NBP1-42743

GM-CSF Antibody - Azide and BSA Free

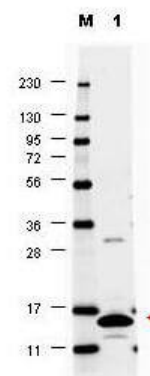
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>Purified by a multi-step process which includes delipidation, salt fractionation, and heat treatment.</p>
Host	Rabbit
Gene ID	1437
Gene Symbol	CSF2
Species	Mouse
Specificity/Sensitivity	In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant mouse GM-CSF in cell supernatants and certain body fluids. This antibody is useful for neutralization of mouse GM-CSF in bioassays. For neutralization, it is recommended to incubate the sample with a 1:400 dilution of the antiserum for at least 4 hours before being tested. A control of similarly diluted normal rabbit IgG is recommended.
Immunogen	This purified GM-CSF Antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant mouse GM-CSF protein. (Uniprot: P01587)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:1000-1:5000
Application Notes	This purified antibody has been tested in western blot and is suitable for use in neutralizations and ELISA. Reactivity is also expected in radioimmunoassay and immunohistochemistry. The endotoxin content is estimated to be <10 pg/ul by the LAL method. By western blot a band approximately 14.3 kDa in size corresponding to mouse GM-CSF protein is expected in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.

Images

Western Blot: GM-CSF Antibody [NBP1-42743] - Analysis of a band 14 kDa in size corresponding to recombinant mouse GM-CSF (lane 1). Molecular weight markers are also shown (M). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using DyLight649 conjugated anti-Rabbit IgG secondary antibody diluted 1:20,000 in blocking buffer.



Western blot using anti-Mouse GM-CSF antibody shows detection of a band ~14 kDa in size corresponding to recombinant mouse GM-CSF (lane 1). Molecular weight markers are also shown (M). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using DyLight(TM)649 conjugated anti-Rabbit IgG





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Products Related to NBP1-42743

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35066-5ug	Recombinant Mouse GM-CSF Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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