

Product Datasheet

GM-CSF Antibody NB600-632

Unit Size: 0.25 ml

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB600-632

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB600-632



NB600-632

GM-CSF Antibody

Product Information	
Unit Size	0.25 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	Serum
Purity	Unpurified
Buffer	Antiserum

Product Description	
Description	Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. 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.
Host	Rabbit
Gene ID	1437
Gene Symbol	CSF2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31220744).
Specificity/Sensitivity	In ELISA and other immunoreactive assays, this antiserum will recognize both native and recombinant human GM-CSF in cell supernatants and certain body fluids.
Immunogen	This whole rabbit serum was prepared by repeated immunizations with full length recombinant human GM-CSF. (Uniprot: P04141)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:1000-1:5000, Immunohistochemistry 1:10-1:500
Application Notes	This antiserum against Human GM-CSF has been tested for use in immunoblotting. Reactivity is also expected in neutralizations, radioimmunoassay, ELISA and immunohistochemistry. This antibody is useful for neutralization of human 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.



Publications

Saranaruk P, Waraasawapati S, Chamgramol Y et al. Dense GM-CSFR⁺-expressing immune infiltration is allied with longer survival of intrahepatic cholangiocarcinoma patients PeerJ 2023-03-02 [PMID: 36883059] (Immunohistochemistry, Human)

Zhang G, Jiang C, Xie N, et al. Treatment with andrographolide sulfonate provides additional benefits to imipenem in a mouse model of *Klebsiella pneumoniae pneumonia* Biomed. Pharmacother. 2019-06-17 [PMID: 31220744] (Mouse)

Qi Y, Zhang M, Li H et al. Autophagy inhibition by sustained over-production of IL-6 contributes to arsenic-induced carcinogenesis. Cancer Res. 2014-05-15 [PMID: 24830721] (WB, Human)

Pylayeva-Gupta Y, Lee KE, Hajdu CH et al. Oncogenic Kras-Induced GM-CSF Production Promotes the Development of Pancreatic Neoplasia Cancer Cell 2012-06-12 [PMID: 22698407] (IF/IHC, Human)

Bayne LJ, Beatty GL, Jhala N et al. Tumor-derived granulocyte-macrophage colony-stimulating factor regulates myeloid inflammation and T cell immunity in pancreatic cancer Cancer Cell 2012-06-12 [PMID: 22698406] (IF/IHC, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB600-632

NBL1-09515	GM-CSF Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB600-632

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

