

Product Datasheet

TNF-alpha Antibody (2342C) - Low Endotoxin, Azide and BSA Free NBP2-75925

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-75925

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/NBP2-75925



NBP2-75925

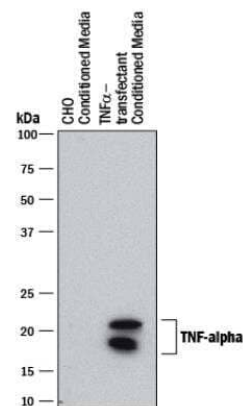
TNF-alpha Antibody (2342C) - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2342C
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified from cell culture supernatant
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	7124
Gene Symbol	TNF
Species	Human
Immunogen	Partial recombinant human TNF-alpha protein (amino acids 77-233) [Uniprot: P01375]
Endotoxin Note	<0.10 EU per 1 ug of the antibody by the LAL method.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Neutralization
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin, Neutralization
Application Notes	Measured by its ability to neutralize TNF-alpha -induced cytotoxicity in the L-929 mouse fibroblast cell line. The Neutralization Dose (ND50) is typically 1-10 ng/mL in the presence of 0.25 ng/mL Recombinant Human TNF-alpha and actinomycin D.

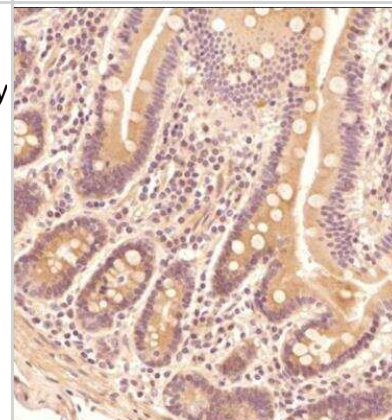


Images

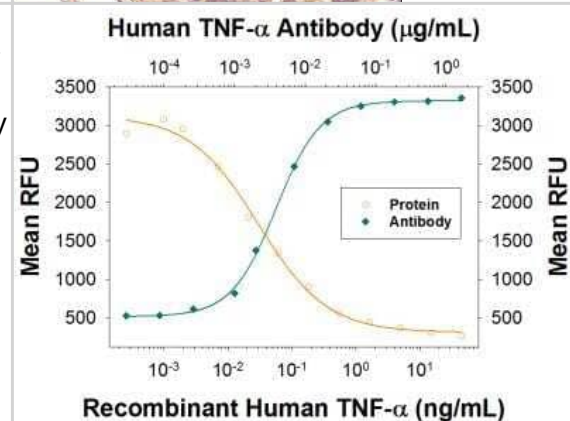
Western Blot: TNF-alpha Antibody (2342C) - Low Endotoxin and Azide Free [NBP2-75925] - Western blot shows conditioned media from CHO Chinese hamster ovary cell line either mock transfected or transfected with human TNF- alpha. PVDF membrane was probed with 2 ug/mL of Rabbit Anti-Human TNF-alpha Monoclonal Antibody (NBP2-75925) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). Specific bands were detected for TNF-alpha at approximately 18 and 21 kDa (as indicated). This experiment was conducted under reducing conditions.



Immunohistochemistry-Paraffin: TNF-alpha Antibody (2342C) - Low Endotoxin and Azide Free [NBP2-75925] - Analysis of a FFPE tissue section of the human intestine using 1:200 dilution of TNF-alpha antibody (NBP2-75925). The signal was developed using HRP-DAB method which followed counterstaining of the cells with hematoxylin. The antibody generated a moderate to strong cytoplasmic staining in crypt cells.



Neutralization: TNF-alpha Antibody (2342C) [NBP2-75925] - Recombinant Human TNF-alpha (Catalog # 210-TA) induces cytotoxicity in the L-929 mouse fibroblast cell line in a dose-dependent manner (orange line), as measured by Resazurin (Catalog # AR002). Cytotoxicity elicited by Recombinant Human TNF-alpha (0.25 ng/mL) is neutralized (green line) by increasing concentrations of Mouse Anti-Human TNF-alpha Monoclonal Antibody (Catalog # NBP2-75925). The ND50 is typically 1-10 ng/mL in the presence of the metabolic inhibitor actinomycin D.



Publications

El-Hawary SS, El-Fitany RA, Mousa OM et al. Metabolic profiling and in vivo hepatoprotective activity of *Malpighia glabra* L. leaves Journal of food biochemistry 2020-12-22 [PMID: 33349967]



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 NBP2-75925

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35076-10ug	Recombinant Human TNF-alpha 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/NBP2-75925

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

