

Product Datasheet

TNF-alpha Antibody (4C6-H8)

NBP2-34301-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-34301-0.1mg

TNF-alpha Antibody (4C6-H8)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	4C6-H8
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	17 kDa

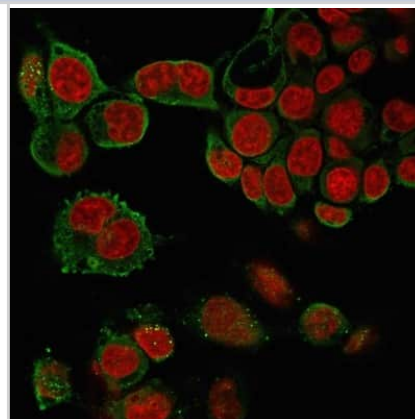
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34539) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7124
Gene Symbol	TNF
Species	Human, Mouse, Rat, Canine, Feline, Rabbit, Zebrafish
Immunogen	A hexadecapeptide corresponding to aa115-130 (NGVELRDNQLVVPSEG) of human TNF-alpha , conjugated to thyroglobulin (Uniprot: P01375)

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 2-4 ug/ml
Application Notes	Use in ICC/IF reported in scientific literature (PMID:34803390) Immunohistochemistry (Formalin-fixed): 2-4ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris Buffer with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

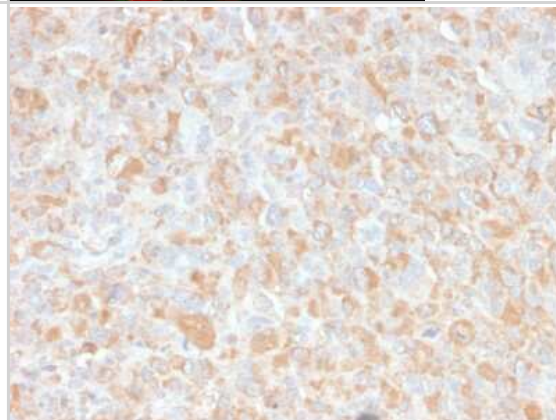


Images

Immunocytochemistry/Immunofluorescence: TNF-alpha Antibody (4C6-H8) [NBP2-34301] - Immunofluorescence staining of paraformaldehyde-fixed HePG2 cells with TNF-alpha Antibody (4C6-H8) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are labeled with Red Dot (Red).



Immunohistochemistry-Paraffin: TNF-alpha Antibody (4C6-H8) [NBP2-34301] - Formalin-fixed, paraffin-embedded human Histiocytoma stained with TNF-alpha Antibody (4C6-H8).



Publications

Li W, Abdul Y, Chandran R et al. Deferoxamine prevents poststroke memory impairment in female diabetic rats: potential links to hemorrhagic transformation and ferroptosis American journal of physiology. Heart and circulatory physiology 2022-12-23 [PMID: 36563009]

Jiang S, Wang H, Zhou Q et al. Melatonin Ameliorates Axonal Hypomyelination of Periventricular White Matter by Transforming A1 to A2 Astrocyte via JAK2/STAT3 Pathway in Neonatal Rats Induced by Lipopolysaccharide Injection Research Square 2021-08-31 [PMID: 34803390] (ICC/IF, Rat)

Abdul Y, Li W, Ward R et al Deferoxamine Treatment Prevents Post-Stroke Vasoregression and Neurovascular Unit Remodeling Leading to Improved Functional Outcomes in Type 2 Male Diabetic Rats: Role of Endothelial Ferroptosis Transl Stroke Res 2020-09-03 [PMID: 32875455]

Details:

Citation using the Azide and BSA Free version of this antibody.

Chen CT, Chen CH, Sheu C, Chen JP Ibuprofen-Loaded Hyaluronic Acid Nanofibrous Membranes for Prevention of Postoperative Tendon Adhesion through Reduction of Inflammation Int J Mol Sci 2019-10-11 [PMID: 31614502] (IF/IHC, Rabbit)

**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 NBP2-34301-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
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.

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