

Product Datasheet

TNF-alpha Antibody **NBP1-67821-0.05ml**

Unit Size: 0.05 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-67821-0.05ml

TNF-alpha Antibody

Product Information

Unit Size	0.05 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg ²⁺ and Ca ²⁺ , pH 7.4), 0.15M NaCl and 50% Glycerol
Target Molecular Weight	25 kDa

Product Description

Host	Rabbit
Gene ID	7124
Gene Symbol	TNF
Species	Human, Mouse, Rat
Specificity/Sensitivity	TNFA Antibody detects endogenous levels of total TNFA protein.
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFA. The immunogen region is: Internal.

Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:10000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	WB reactivity reported in scientific literature (PMID:23099484).

Publications

Garraway SM, Woller SA, Huie JR et al. Peripheral noxious stimulation reduces withdrawal threshold to mechanical stimuli after spinal cord injury: role of tumor necrosis factor alpha and apoptosis. *Pain* 2014-11-01 [PMID: 25180012] (WB)

Can G, Ayvaz S, Can H et al. The efficacy of tyrosine kinase inhibitor dasatinib on colonic mucosal damage in murine model of colitis *Clin Res Hepatol Gastroenterol* 2016-01-25 [PMID: 26823039] (IHC-P, Mouse)

Can G, Ayvaz S, Can H et al. The Syk Inhibitor Fostamatinib Decreases the Severity of Colonic Mucosal Damage in a Rodent Model of Colitis *J Crohns Colitis* 2015-06-26 [PMID: 26116555] (IHC-P, Rat)

Details:

TNF alpha antibody was used for IHC-P analysis of colonic mucosa tissues from rats from groups namely - control , fostamatinib-treated, acetic acid-induced colitis and acetic acid-induced colitis + fostamatinib-treated (see full text for protocol, data in Figure 6).

Baker NA, Karounos M, English V et al. Coplanar Polychlorinated Biphenyls Impair Glucose Homeostasis in Lean C57BL/6 Mice and Mitigate Beneficial Effects of Weight Loss on Glucose Homeostasis in Obese Mice *Environ Health Perspect* 2012-10-24 [PMID: 23099484] (WB, Mouse)





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

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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