

Product Datasheet

TIGIT Antibody (TIGIT/3017)

NBP2-79793-100ug

Unit Size: 100 ug

Store at 4C.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-79793

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/NBP2-79793



NBP2-79793-100ug

TIGIT Antibody (TIGIT/3017)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	TIGIT/3017
Preservative	0.05% Sodium Azide
Isotype	IgG2c Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	26 kDa

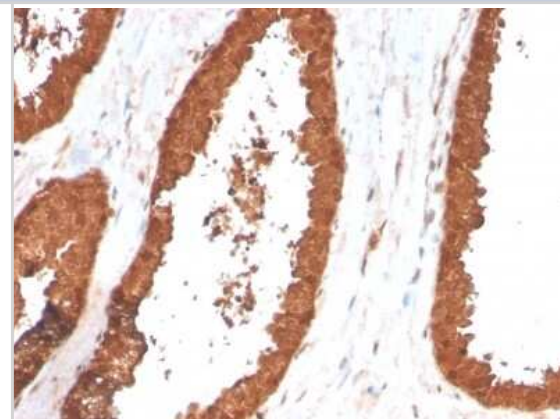
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-79927) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	201633
Gene Symbol	TIGIT
Species	Human
Immunogen	Recombinant fragment (around aa 22-141) of human TIGIT protein (exact sequence is proprietary) (Uniprot: Q4951)

Product Application Details	
Applications	Simple Western, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Simple Western reported by internal validation, Flow Cytometry 1-2 ug/million cells, ELISA, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	ELISA: For coating, order antibody without BSA). Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. In Simple Western internal validation: NK cell lysate at 0.5 mg/ml, NSCLC cell lysate at 0.5 mg/ml as samples; separated by size; antibody dilution of 1:10; observed molecular weights at 46, 70, 102, 153, 224; matrix was 12-230 kDa; detected by Chemiluminescence. Optimal dilution for a specific application should be determined.

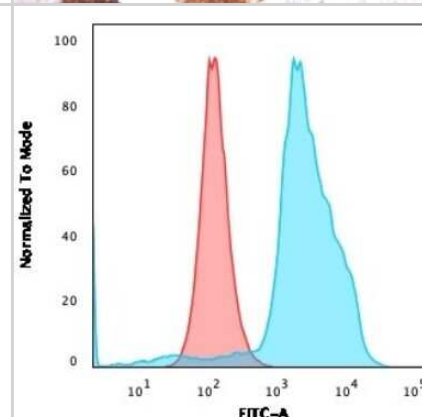


Images

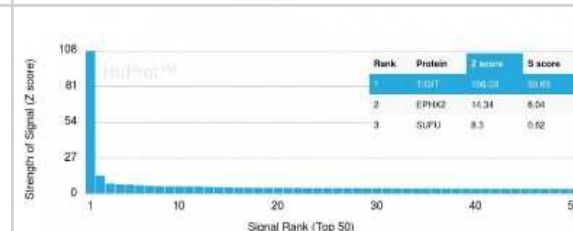
Immunohistochemistry-Paraffin: TIGIT Antibody (TIGIT/3017) [NBP2-79793] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with TIGIT Antibody (TIGIT/3017).



Flow Cytometry: TIGIT Antibody (TIGIT/3017) [NBP2-79793] - Flow Cytometric Analysis of PFA-fixed MOLT4 cells. TIGIT Antibody (TIGIT/3017) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Protein Array: TIGIT Antibody (TIGIT/3017) [NBP2-79793] - Analysis of Protein Array containing more than 19,000 full-length human proteins using TIGIT Antibody (TIGIT/3017). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.



Publications

Pescia C, Pini G, Olmeda E et al. TIGIT in Lung Cancer: Potential Theranostic Implications Life (Basel, Switzerland) 2023-04-19 [PMID: 37109579]

Zhao K, Jiang L, Si Y et al. TIGIT blockade enhances tumor response to radiotherapy via a CD103 + dendritic cell-dependent mechanism Cancer immunology, immunotherapy : CII 2022-07-06 [PMID: 35794399] (IHC-P, Human)

Zhao K, Ma L, Feng L, et al. CD155 Overexpression Correlates With Poor Prognosis in Primary Small Cell Carcinoma of the Esophagus Frontiers in molecular biosciences 2020-01-07 [PMID: 33490104] (IHC-P, 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 NBP2-79793-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
DY417-05	IL-10 [Biotin]
7898-TGB-100	TIGIT [Unconjugated]

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/NBP2-79793

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

