

# Product Datasheet

## TIGIT Antibody (TIGIT/3017) - Azide and BSA Free NBP2-79927

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-79927**

TIGIT Antibody (TIGIT/3017) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TIGIT/3017
Preservative	No Preservative
Isotype	IgG2c Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	26 kDa

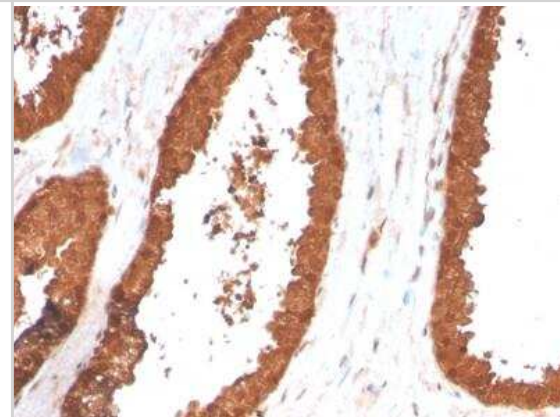
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79793).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	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	ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, ELISA, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array, CyTOF-ready
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. Optimal dilution for a specific application should be determined.

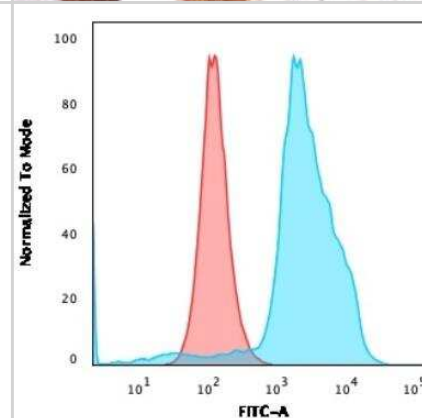


## Images

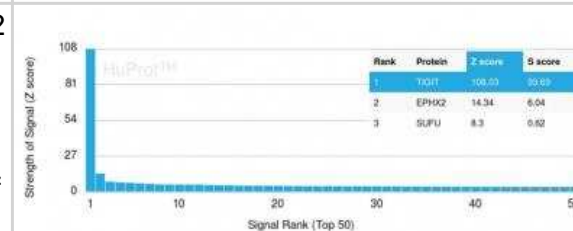
Immunohistochemistry-Paraffin: TIGIT Antibody (TIGIT/3017) - Azide and BSA Free [NBP2-79927] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with TIGIT-Monospecific Mouse Monoclonal Antibody (TIGIT/3017).



Flow Cytometry: TIGIT Antibody (TIGIT/3017) - Azide and BSA Free [NBP2-79927] - Flow Cytometric Analysis of PFA-fixed MOLT4 cells. TIGIT-Monospecific Mouse Monoclonal Antibody (TIGIT/3017) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Protein Array: TIGIT Antibody (TIGIT/3017) - Azide and BSA Free [NBP2-79927] - 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™ 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™ 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. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.





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### Products Related to NBP2-79927

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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]

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### 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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