

Product Datasheet

TIGIT Antibody (4D4) - Azide and BSA Free NBP2-81116-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81116-0.2mg

TIGIT Antibody (4D4) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	4D4
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Armenian Hamster TIGIT Antibody (4D4) - Azide and BSA Free (NBP2-81116) is a recombinant monoclonal antibody validated for use in Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Armenian Hamster
Gene ID	201633
Gene Symbol	TIGIT
Species	Mouse
Specificity/Sensitivity	4D4 specifically recognises TIGIT.
Immunogen	Armenian hamsters were immunized with recombinant mouse TIGIT tetramers by a combination of s.c. and food pad immunization and booster injections. Draining lymph nodes were fused with Sp2/0-Ag14 cells, selected in HAT (hypoxanthine/aminopterin/thymidine) medium and supernatants were screened for specificity by ELISA and flow cytometry using TIGIT-transfectants.

Product Application Details	
Applications	Flow Cytometry, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Block/Neutralize
Application Notes	4D4 is an agonistic anti-TIGIT antibody, and addition of plate bound 4D4 to anti-CD3/anti-CD28 stimulated T cells was shown to inhibit their proliferation (Joller 2011). Further, 4D4 has been used in order to identify genes that are downstream of TIGIT signaling in Tregs, as TIGIT engagement might modulate the Treg phenotype in tumor tissue (Liu 2016).





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Products Related to NBP2-81116-0.2mg

NB120-5738	Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody
DY417-05	IL-10 [Biotin]
7898-TGB-100	TIGIT [Unconjugated]
AF1086	PD-1 Antibody [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.

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