

Product Datasheet

4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) - Chimeric - Azide and BSA Free NBP3-12029-0.2mg

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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NBP3-12029-0.2mg

4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) - Chimeric - 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	4B4-1-1
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

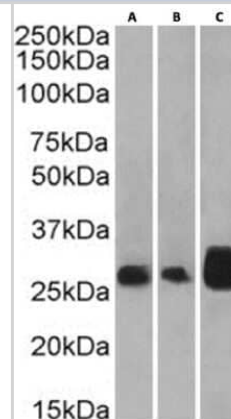
Product Description	
Description	Novus Biologicals Rabbit 4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) - Chimeric - Azide and BSA Free (NBP3-12029) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3604
Gene Symbol	TNFRSF9
Species	Human
Specificity/Sensitivity	This antibody binds to the human 4-1BB/TNFRSF9/CD137, which is expressed on the surface of activated T cells.
Immunogen	The original antibody was generated by immunizing BALB/c mice with a fusion protein of human 4-1BB/TNFRSF9/CD137 antigen and glutathione s transferase (GST).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

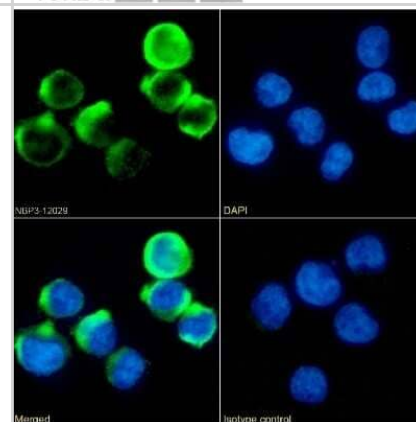


Images

Western Blot: 4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) - Chimeric [NBP3-12029] - Human thymus(A), lymph node(B) and tonsil(C) tissue lysate (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of 4B4-1-1 (NBP3-12029) at 0.3 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: 4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) - Chimeric [NBP3-12029] - Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 4B4-1-1 (NBP3-12029) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12029, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.





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Products Related to NBP3-12029-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-34958-5ug	Recombinant Human 4-1BB/TNFRSF9/CD137 Protein
210-TA-005	TNF-alpha [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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