

Product Datasheet

TLR7 Antibody (4G6) - Azide and BSA Free NBP2-80982

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80982

TLR7 Antibody (4G6) - Azide and BSA Free

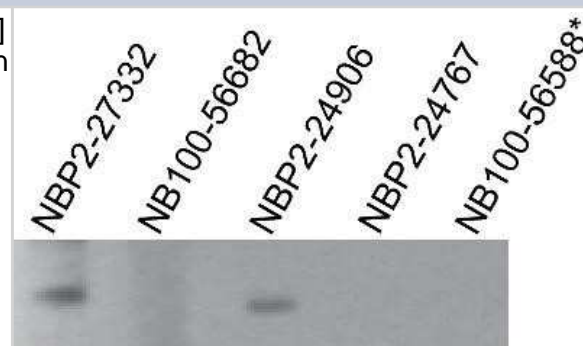
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse TLR7 Antibody (4G6) - Azide and BSA Free (NBP2-27332) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	51284
Gene Symbol	TLR7
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24126361)
Immunogen	A partial human TLR7 recombinant protein (amino acids 562-839) was used as the immunogen.

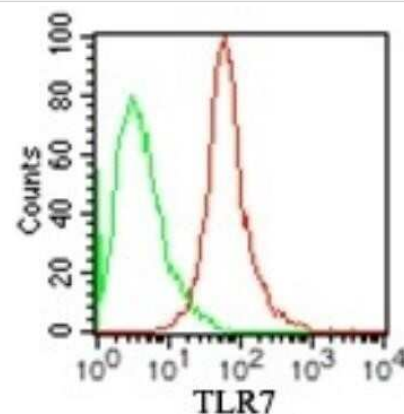
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, CyTOF-ready, Knockdown Validated
Recommended Dilutions	Western Blot 10ug/ml, Flow Cytometry 1-2ug/10 ⁶ cells, Immunohistochemistry reported in scientific literature (PMID 31092820), Immunocytochemistry/Immunofluorescence 1:500-1:5000. Use reported in scientific literature (PMID 22610069), Flow (Intracellular), CyTOF-ready, Knockdown Validated
Application Notes	This antibody is CyTOF ready.

Images

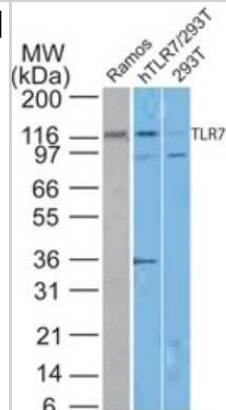
Western Blot: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - TLR7 antibodies tested at 2 ug/ml on recombinant partial hTLR7 protein (amino acids 562-839). NB100-56682 and NBP2-24767 immunogen sequences are not present in recombinant protein; *NB100-56588 is not recommended for use in western blot. Image using the standard format of this product.



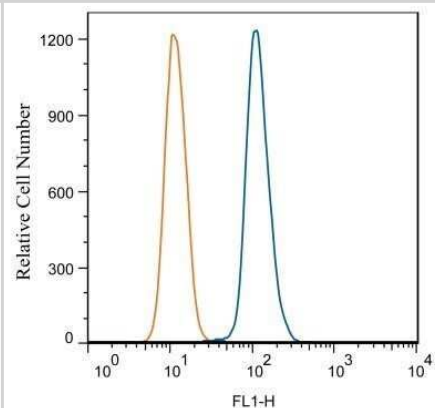
Flow Cytometry: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - Analysis using the PE conjugate of NBP2-27332. Staining of TLR7 in 10^6 human BDCM cells (red) and 0.5 μ g of mouse IgG1 isotype control (green). this antibody was used for this test.



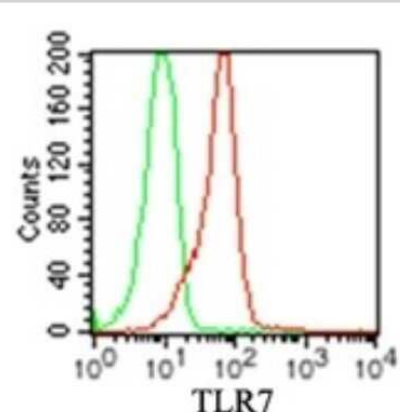
Western Blot: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - Analysis using Azide Free version of NBP2-27332. Human TLR7 antibody in Ramos and transfected 293T lysate using TLR7 monoclonal antibody at 10 μ g/ml.



Flow Cytometry: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - Analysis using Azide Free version of NBP2-27332. THP-1 cells were stained with TLR7 (4G) NBP2-25274 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin.



Flow Cytometry: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - Analysis of TLR7 in human monocytes using 2 μ g of TLR7 monoclonal antibody (red) and 2 μ g of mouse IgG1 isotype control antibody (green). TLR intracellular flow kit was used for this test, and an anti-mouse IgG PE conjugated secondary antibody. Image using the standard format of this product.





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Products Related to NBP2-80982

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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