

# 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

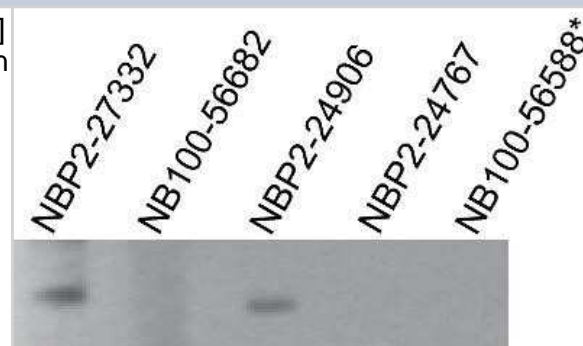
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS

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.

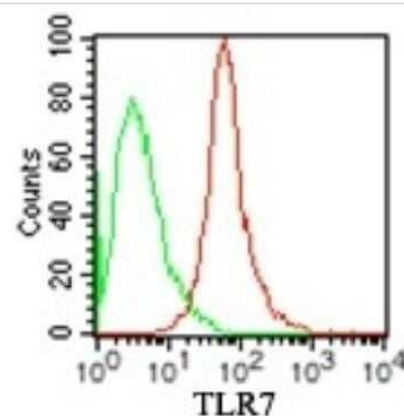
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, CyTOF-ready, Knockdown Validated
Recommended Dilutions	Western Blot 10ug/ml, Flow Cytometry 1-2ug/10 <sup>6</sup> cells, Immunohistochemistry reported 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**

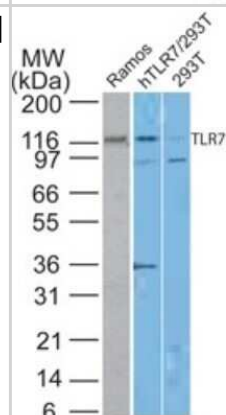
Western Blot: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - TLR7 antibodies tested at 2 ug/ml on recombinant partial hTLR7 protein (amino acids 562-839). NB100-56682 and NBP2-24767 immunogen sequences are not present in recombinant protein; \*NB100-56588 is not recommended for use in western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



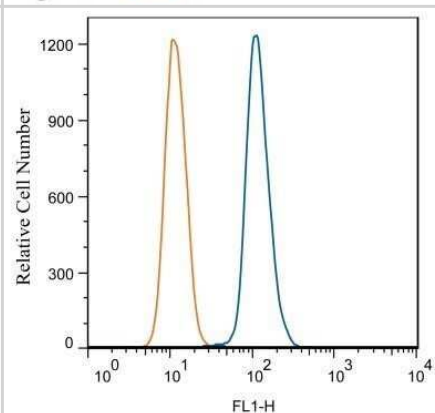
Flow Cytometry: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - Analysis using the PE conjugate of NBP2-27332. Staining of TLR7 in  $10^6$  human BDCM cells (red) and 0.5  $\mu$ g of mouse IgG1 isotype control (green). this antibody was used for this test.



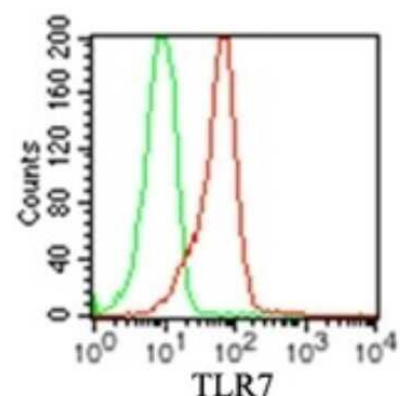
Western Blot: TLR7 Antibody (4G6) - Azide and BSA Free [NBP2-80982] - Analysis using Azide Free version of NBP2-27332. Human TLR7 antibody in Ramos and transfected 293T lysate using TLR7 monoclonal antibody at 10  $\mu$ g/ml.



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  $\mu$ g of TLR7 monoclonal antibody (red) and 2  $\mu$ 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**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-24906PEP	TLR7 Antibody Blocking Peptide

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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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