

Product Datasheet

TLR5 Antibody (19D759.2) - Azide and BSA Free NBP2-80981

Unit Size: 0.1 mg

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

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NBP2-80981

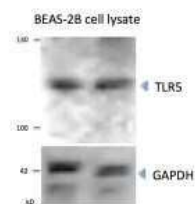
TLR5 Antibody (19D759.2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	19D759.2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse TLR5 Antibody (19D759.2) - Azide and BSA Free (NBP2-24787) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7100
Gene Symbol	TLR5
Species	Human, Mouse, Canine
Immunogen	This antibody was developed against KLH-conjugated synthetic peptide corresponding to a portion of human TLR5 between amino acids 700-800. The antibody also reacts with mouse TLR5.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Dot Blot, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1-3 ug/ml, Flow Cytometry 0.5-1 ug/10 ⁶ cells, Immunohistochemistry 1:10-1:500. Use reported in scientific literature (PMID 27392931), Immunocytochemistry/ Immunofluorescence 5 ug/ml. Use reported by customer review, Immunoprecipitation, Immunohistochemistry-Paraffin 5 ug/ml, Immunohistochemistry-Frozen 10 ug/ml, Dot Blot reported in scientific literature (PMID 27248820), Flow (Cell Surface) reported in scientific literature (PMID 24412598), Flow (Intracellular) reported in scientific literature (PMID 24412598), CyTOF-ready
Application Notes	Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.

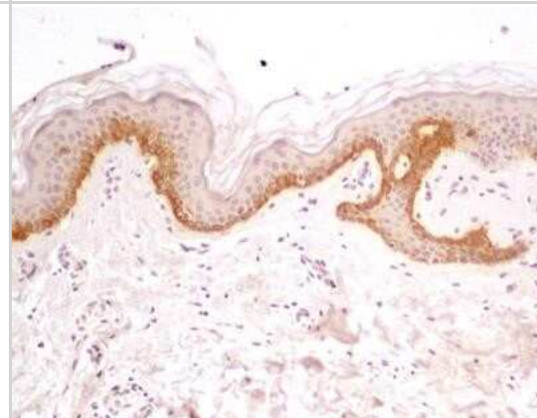
Images

Western Blot: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - BEAS-2B cells whole cell lysate. Image from verified customer review. Image from the standard format of this antibody.

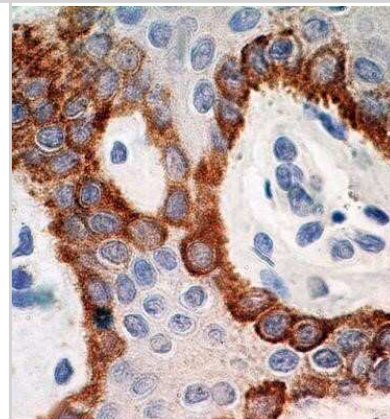
Validation of NBP2-24787 anti-TLR5 mouse monoclonal antibody.



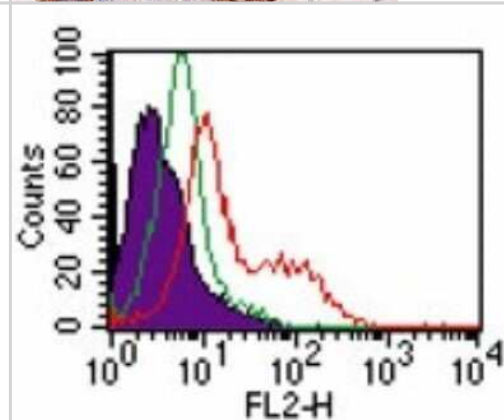
Immunocytochemistry: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Analysis of FFPE tissue section of normal human skin using 5 ug/ml concentration of TLR5 antibody (clone 19D759.2). Intense membrane staining of TLR5 was observed specifically in the pigmented basal cells of epidermal layer [10X Magnification] Image from



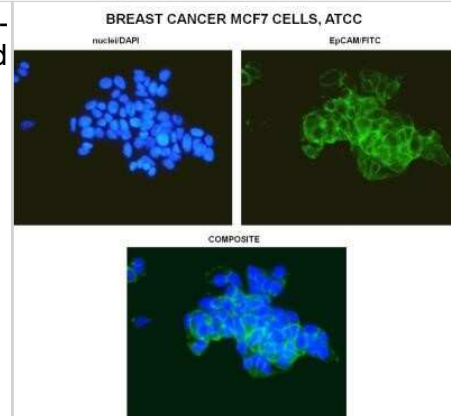
Immunohistochemistry-Paraffin: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Human skin stained with TLR5 antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Image from the standard format of this antibody.



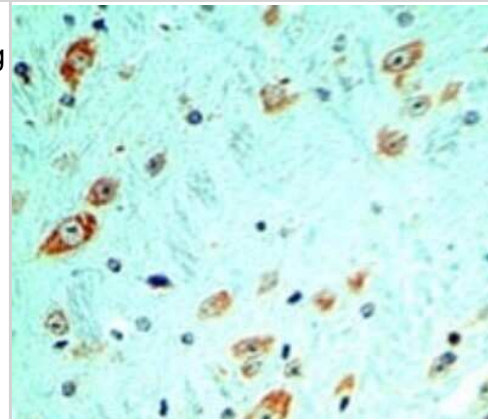
Flow Cytometry: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Intracellular flow analysis of TLR5 in human monocytes using 0.5 ug of TLR5 antibody. Shaded histogram represents cells without antibody; green represents isotype control; red represents TLR5 antibody. this antibody secondary antibody was used in this test. Image from the standard format of this antibody.



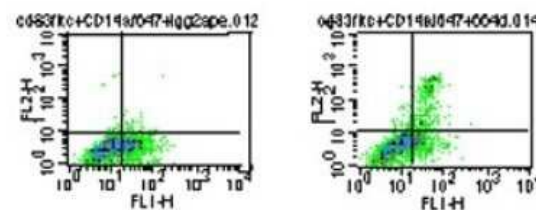
Immunocytochemistry/Immunofluorescence: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Staining using in-vitro cultured fixed non-permeabilized MCF7 breast cancer cells (ATCC). EpCAM (cell membrane) staining is represented in green (FITC filter), nuclei staining is represented in blue (DAPI filter). Image from a verified customer review using the Alexa Fluor 488 conjugated format of this antibody. Image from the standard format of this antibody.



Immunohistochemistry: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Analysis of TLR5 in FFPE mouse brain tissue using TLR5 antibody at 5 ug/ml. Image from the standard format of this antibody.



Flow Cytometry: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Analysis using the PE conjugate of NBP2-24787. Staining of CD14-/CD83+/TLR5+ differentiated myeloid dendritic cells (mDCs). PBMCs were stimulated 5 days with GM-CSF+IL4 prior to the staining. The cells were stained for surface markers CD14 and CD83 FITC, and TLR5 PE. CD14- cells were gated and stained with PE-conjugated isotype control (mouse IgG2a), and FITC-conjugated CD83 (left). CD14- cells were gated and stained with 1 ug PE-conjugated TLR5, and FITC-conjugated CD83 (right).





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Products Related to NBP2-80981

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]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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