

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

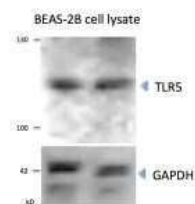
TLR5 Antibody (19D759.2) - Azide and BSA Free

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	
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, Dot Blot, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, 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.

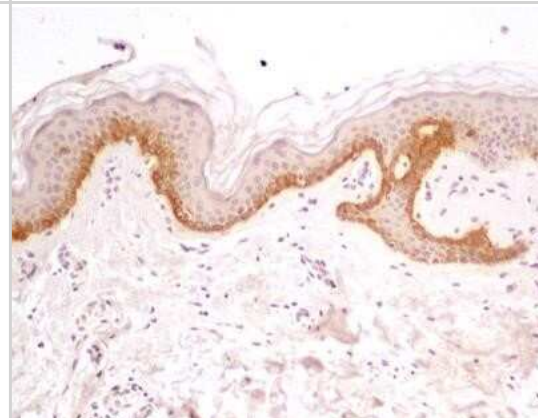
Images

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.

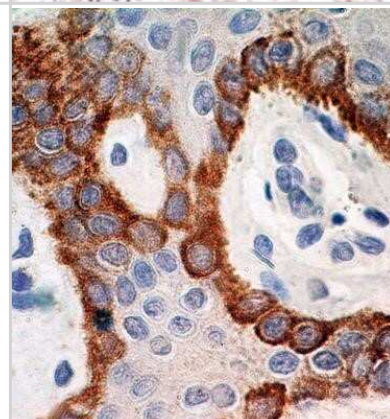
Validation of NBP2-24787 anti-TLR5 mouse monoclonal antibody.



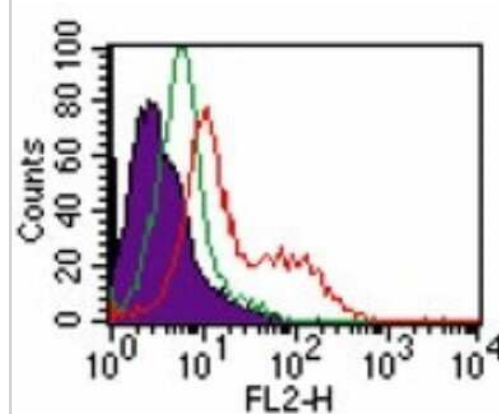
Immunocytochemistry: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Analysis of FFPE tissue section of normal human skin using 5 ug/ml concentration of TLR5 antibody (clone 19D759.2). Intense membrane staining of TLR5 was observed specifically in the pigmented basal cells of epidermal layer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



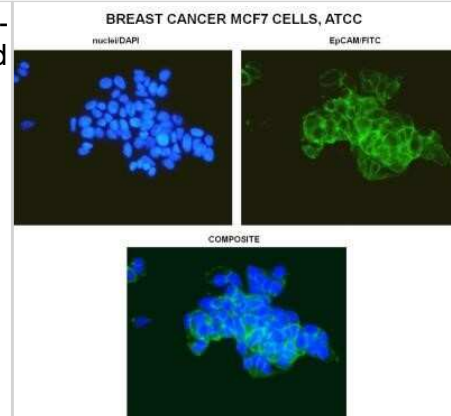
Immunohistochemistry-Paraffin: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Human skin stained with TLR5 antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen. Image from the standard format of this antibody.



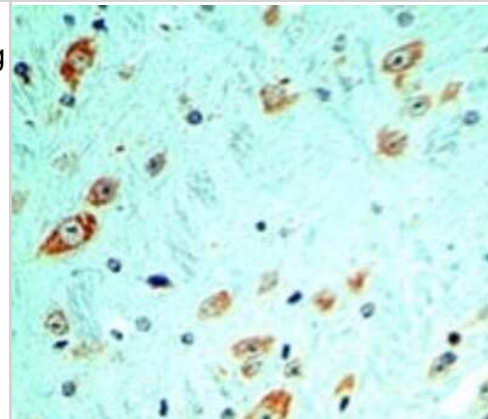
Flow Cytometry: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Intracellular flow analysis of TLR5 in human monocytes using 0.5 ug of TLR5 antibody. Shaded histogram represents cells without antibody; green represents isotype control; red represents TLR5 antibody. this antibody secondary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



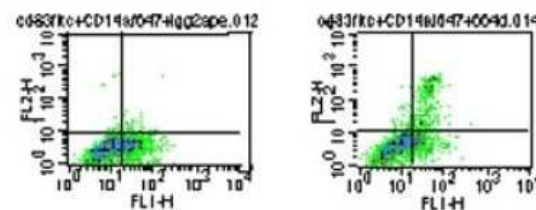
Immunocytochemistry/Immunofluorescence: TLR5 Antibody (19D759.2) - Azide and BSA Free [NBP2-80981] - Staining using in-vitro cultured fixed non-permeabilized MCF7 breast cancer cells (ATCC). EpCAM (cell membrane) staining is represented in green (FITC filter), nuclei staining is represented in blue (DAPI 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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-24827PEP	TLR5 Antibody Blocking Peptide

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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