

Product Datasheet

TLR9 Antibody (5G5) NBP1-51156

Unit Size: 0.05 mg

Store at 4C.

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NBP1-51156

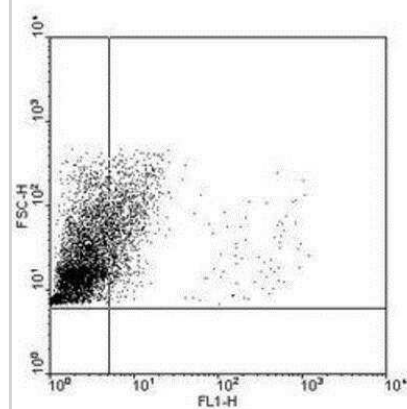
TLR9 Antibody (5G5)

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	5G5
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS, containing 0.1% BSA
Product Description	
Description	Positive Control: RAW264.7 macrophages stimulated with IFN γ
Host	Mouse
Gene ID	54106
Gene Symbol	TLR9
Species	Human, Mouse, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Purified fusion protein of extracellular domain of human TLR9 (AA 1-815) and human IgGFc
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry 1:50, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 4ug/400ul, Immunohistochemistry-Paraffin 1:50, Immunohistochemistry-Frozen 1:100
Application Notes	IHC-Frozen: 10um sections were fixed with acetone for 10 minutes. PBS washed sections were incubated with 5G5 1:100 in 1% BSA for 30 minutes at RT. IF: cells were fixed with 2% formalin for 15 minutes at RT and permeabilized with a mAb (4ug/400ul) containing buffer (PBS, 0.2% BSA, 0.2% saponin) for 1 hour. FC: RAW264.7 cells were fixed for 15 minutes with 4% formalin and permeabilized (PBS, 0.5%BSA, 0,5% saponin) at RT. IHC-Paraffin: paraffin embedded tissues 5um sections were made. After antigen retrieval (0.01mol/l, pH6 sodium citrate) and quenching of endogenous peroxidase, sections were blocked with 0.5% ovalbumin and 0.1% gelatin for 20 minutes at RT. Sections were incubated with 5G5 for 1 hour at 37C. WB: reduced lysates were resolved by 10% SDS-PAGE and blotted on nitrocellulose. After blocking with 5% skimmed milk TLR9 was detected with 2 ug/ml 5G5

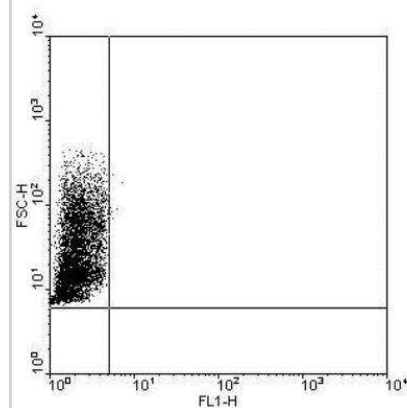


Images

Flow Cytometry: TLR9 Antibody (5G5) [NBP1-51156] - THP1 cells were incubated with IgG2a isotype control. Cells (140000) were permeabilized with saponin and stained with 0.4 ug 5G5



Flow Cytometry: TLR9 Antibody (5G5) [NBP1-51156] - THP1 cells were incubated with IgG2a isotype control (A) or a-TLR9 5G5 mAb





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Products Related to NBP1-51156

NBP2-26232	CpG oligodeoxynucleotides with negative control, TLR9 ligand
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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