

# Product Datasheet

## TLR3 Antibody (TLR3.7) [PE]

### NBP2-00250-25ug

Unit Size: 25 ug

Store at 4C in the dark.

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**NBP2-00250-25ug**

TLR3 Antibody (TLR3.7) [PE]

Product Information	
Unit Size	25 ug
Concentration	0.2 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	TLR3.7
Preservative	0.09% Sodium Azide
Isotype	IgG1
Conjugate	PE
Purity	Protein A or G purified
Buffer	PBS (pH 7.2) with 0.1% gelatin
Product Description	
Host	Mouse
Gene ID	7098
Gene Symbol	TLR3
Species	Human, Canine
Reactivity Notes	Human and Dog
Specificity/Sensitivity	NB100-66629 recognizes human and canine TLR3, otherwise known as CD283. TLR3 is a member of the Toll-like receptor (TLR) family and functions as a receptor for double-stranded (ds) RNA. TLRs are expressed on the cell surface and the endocytic compartment and recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents. They also initiate cell signalling to induce production of cytokines necessary for the innate immunity and subsequent adaptive immunity. Cell surface expression of TLR3 has been reported on MRC-5 fibroblasts (1), and this antibody has been shown to suppress poly (I) : poly C mediated IFN beta production by these cells.
Immunogen	Ba/F3 cells transfected with human TLR3 (CD283).
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1:10-1:1000
Application Notes	This TLR3.7 antibody has been tested by intracellular staining and flow cytometric analysis of A549 and MRC5 cell lines to detect the very low level of this antigen on the surface. This can be used at less than or equal to 1 ug per test. A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 uL. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.





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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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