

# 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**

<b>Unit Size</b>	25 ug
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	TLR3.7
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	PE
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.2) with 0.1% gelatin

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	7098
<b>Gene Symbol</b>	TLR3
<b>Species</b>	Human, Canine
<b>Reactivity Notes</b>	Human and Dog
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Ba/F3 cells transfected with human TLR3 (CD283).

**Product Application Details**

<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000
<b>Application Notes</b>	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 10^5 to 10^8 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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