

# Product Datasheet

## TLR7 Antibody (66H3) - Azide and BSA Free DDX0500P-100

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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**DDX0500P-100**

TLR7 Antibody (66H3) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	66H3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	Tris-NaCl (pH 8.0)

**Product Description**

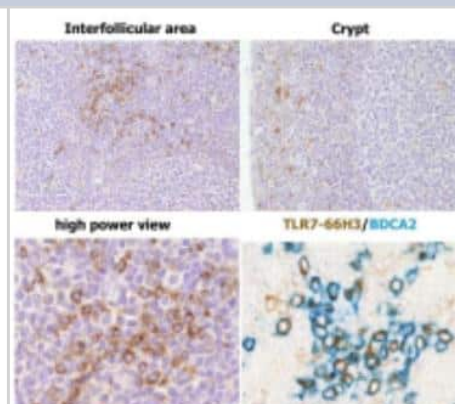
<b>Host</b>	Mouse
<b>Gene ID</b>	51284
<b>Gene Symbol</b>	TLR7
<b>Species</b>	Human, Canine
<b>Immunogen</b>	TLR7/CD287 was used as immunogen.
<b>Notes</b>	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

**Product Application Details**

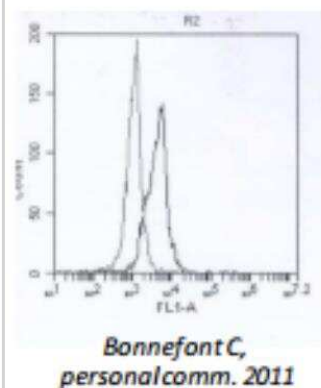
<b>Applications</b>	Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Flow (Intracellular)

**Images**

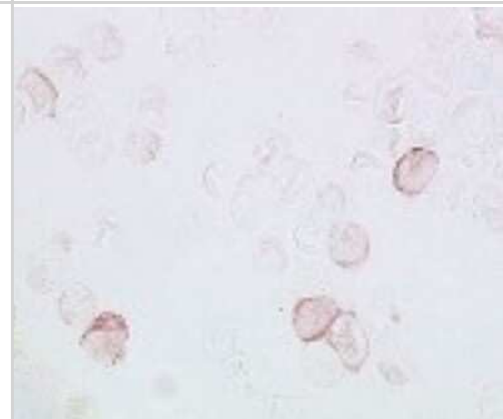
Immunohistochemistry: TLR7 Antibody (66H3) [DDX0500P-100] - IHC staining of human FFPE tonsil section (Vermi William courtesy)



Flow (Intracellular): TLR7 Antibody (66H3) [DDX0500P-100] -  
Intracellular FACS staining of a canine cell line with 66H3



Immunohistochemistry: TLR7 Antibody (66H3) [DDX0500P-100] -  
huTLR7-transfected 293 cells stained.



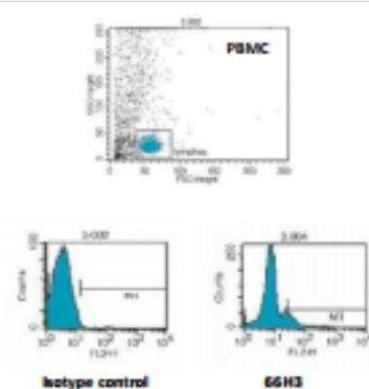
Immunohistochemistry: TLR7 Antibody (66H3) [DDX0500P-100] - IHC  
staining of human tonsil cryosection with 66H3



Immunohistochemistry: TLR7 Antibody (66H3) [DDX0500P-100] -  
huTLR7-transfected 293 cells stained with 66H3



Flow (Intracellular): TLR7 Antibody (66H3) [DDX0500P-100] -  
Intracellular FACS staining of human PBMC with 66H3



## Publications

de Barros De Luccia T, Ono E, Menon R et al. The effect of Gestational Diabetes Mellitus on the fetal compartment  
Journal of Reproductive Immunology 2021-03-01 [PMID: 33836321] (IHC-P, Human)

Derkow K et al. Multiple sclerosis: modulation of toll-like receptor (TLR) expression by interferon-beta includes upregulation of TLR7 in plasmacytoid dendritic cells. PLoS One 2013-08-12 [PMID: 23950974]

Rochereau N et al. Phenotypic localization of distinct DC subsets in mouse Peyer Patch. Vaccine 2011-05-09 [PMID: 21439318]



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### **Products Related to DDX0500P-100**

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NBP2-26228-1mg	Imiquimod, TLR7 ligand
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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