

# Product Datasheet

## TLR2 Antibody - BSA Free NB100-56573

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-56573**

TLR2 Antibody - BSA Free

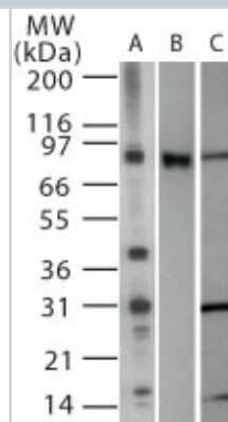
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	7097
Gene Symbol	TLR2
Species	Human, Mouse
Immunogen	This antibody was developed against an extracellular domain of mouse TLR2 (amino acids 564-580 and 751-770).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin reported in scientific literature (PMID 28819109)
Application Notes	An 86 kDa band is observed.

**Images**

Western Blot: TLR2 Antibody [NB100-56573] - Analysis of TLR2 in (A) 15 ugs of Raw cell lysate (B) Mouse TLR2 transfected cell lysate and (C) Ramos cell lysate. 1 ug/ml.



## Publications

Takeo M, Nishio A, Masuda M Et al. Repeated Stimulation of Toll-Like Receptor 2 and Dectin-1 Induces Chronic Pancreatitis in Mice Through the Participation of Acquired Immunity Digestive diseases and sciences 2021-08-23 [PMID: 34424458]

Barboza R, Lima FA, Reis AS et al. TLR4-Mediated Placental Pathology and Pregnancy Outcome in Experimental Malaria Sci Rep 2017-08-17 [PMID: 28819109] (IHC-P, Mouse)

Pathak SK, Bhattacharyya A, Pathak S et al. Toll-like receptor 2 and mitogen- and stress-activated kinase 1 are effectors of Mycobacterium avium-induced cyclooxygenase-2 expression in macrophages. J Biol Chem. 2004-12-31 [PMID: 15496409] (WB)

### Details:

1. TLR2 (IMG-526) [WB, Fig.2E, Fig.3C, Fig.3D (RAW264.7 cells)].

Stridh L, Smith PL, Naylor AS et al. Regulation of toll-like receptor 1 and -2 in neonatal mice brains after hypoxia-ischemia. J Neuroinflammation. 2011-05-10 [PMID: 21569241]





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### **Products Related to NB100-56573**

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NBL1-16952	TLR2 Overexpression Lysate
NBP2-25297	Pam3CSK4, TLR1 and TLR2 Ligand
NBP2-29331	TIRAP (TLR2 and TLR4) Inhibitor Peptide Set
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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