Product Datasheet

TLR3 Antibody (40C1285.6) [Biotin]
NBP2-24782

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 21

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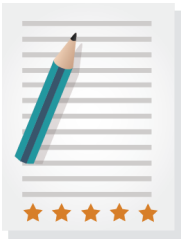
Updated 10/23/2024 v.20.1



NBP2-24782

TLR3 Antibody (40C1285.6) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	40C1285.6
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	7098
Gene Symbol	TLR3
Species	Human, Mouse, Canine
Immunogen	A synthetic peptide corresponding to amino acids 55-85 of human TLR3 was used as immunogen.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Mansson A, Adner M, Cardell LO. Toll-like receptors in cellular subsets of human tonsil T cells: altered expression during recurrent tonsillitis. Respir Res. 2006-02-27 [PMID: 16504163]

Details:
Antibodies cited (human tonsils separated into cell subtypes): 1. TLR3 [IMG-315D (Flow-Intracellular), Figs 5 and 6]. 2. TLR5 [IMG-663A (Flow-Intracellular), Fig 6]. 3. TLR9 [IMG-305C (Flow-Intracellular), Fig 4.].

Yan K, Zhu W, Yu L et al. Toll-like receptor 3 and RIG-I-like receptor activation induces innate antiviral responses in mouse ovarian granulosa cells. Mol Cell Endocrinol. 2013-06-15 [PMID: 23567548]

Menager P, Roux P, Megret F et al. Toll-like receptor 3 (TLR3) plays a major role in the formation of rabies virus Negri Bodies. PLoS Pathog. 2009-02-01 [PMID: 19247444]

Pohar J, Pirher N, Bencina M et al. The role of UNC93B1 protein in surface localization of TLR3 receptor and in cell priming to nucleic acid agonists. J Biol Chem. 2013-01-04 [PMID: 23166319]

Funami K, Matsumoto M, Oshiumi H et al. The cytoplasmic 'linker region' in Toll-like receptor 3 controls receptor localization and signaling. Int Immunol. 2004-08-01 [PMID: 15226270]

Cohen PA, Koski GK, Czerniecki BJ et al. STAT3- and STAT5-dependent pathways competitively regulate the pan-differentiation of CD34pos cells into tumor-competent dendritic cells. Blood. 2008-09-01 [PMID: 18577706]

Details:
Flow (intracellular), mouse bone marrow cells, Fig. 1E: 1. TLR3 FITC (IMG-315C) 2. TLR4 FITC (IMG-417C) 3. TLR7 (IMG-665A) 4. TLR8 FITC (IMG-321C) 5. TLR9 FITC (IMG-305C).

Kleinman ME, Kaneko H, Cho WG et al. Short-interfering RNAs induce retinal degeneration via TLR3 and IRF3. Mol Ther. 2012-01-01 [PMID: 21988875]

Details:
Antibodies cited: 1. TLR3 pAb (IMG-516): IHC (P), Fig 4D (mouse eye sections) 2. TLR3-PE mAb (IMG-315D): Flow (Surface) and Flow (Intracellular), Fig 4F [primary human retinal pigment epithelium cell isolates (hRPE)]. TLR3 was expressed on both the cell s

Kleinman ME, Yamada K, Takeda A et al. Sequence- and target-independent angiogenesis suppression by siRNA via TLR3. Nature. 2008-04-03 [PMID: 18368052]

Kuznik A, Bencina M, Svajger U et al. Mechanism of endosomal TLR inhibition by antimalarial drugs and imidazoquinolines. J Immunol. 2011-04-15 [PMID: 21398612]

Wong CK, Cheung PF, Ip WK et al. Intracellular signaling mechanisms regulating toll-like receptor-mediated activation of eosinophils. Am J Respir Cell Mol Biol. 2007-07-01 [PMID: 17332440]

Details:
Human blood eosinophils and neutrophils from buffy coat: For WB, Fig. 1A: TLR1 (IMG-5012), TLR5 (IMG-664), TLR6 (IMG-304A), TLR7 (IMG-540), TLR8 (IMG-321A), TLR9 (IMG-305A). For Flow (Intracellular) and Flow (Surface), Fig. 1B: TLR1 (IMG-5021), TLR2 (IMG-416C), TLR3 (IMG-315C), TLR4 (IMG-417C), TLR5 (IMG-663C), TLR6 (IMG-304C), TLR7 (IMG-665A), TLR8 (IMG-321C), TLR9 (IMG-305C).

Sacre SM, Lo A, Gregory B et al. Inhibitors of TLR8 reduce TNF production from human rheumatoid synovial membrane cultures. J Immunol. 2008-12-01 [PMID: 19017992]

Francois S et al. Inhibition of neutrophil apoptosis by TLR agonists in whole blood: involvement of the phosphoinositide 3-kinase/Akt and NF-kappaB signaling pathways, leading to increased levels of Mcl-1, A1, and phosphorylated Bad J Immunol [PMID: 15749901]

Details:
Used the FITC form of this antibody.

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NBP2-29370	Streptavidin Native Protein
IC002B	Mouse IgG1 Isotype Control (11711) [Biotin]
NBP2-24902	TLR3 Antibody (40C1285.6) [PE]
210-TA-005	TNF-alpha [Unconjugated]

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