

Product Datasheet

TLR3 Antibody (40C1285.6) [PE] NBP2-24902

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-24902

TLR3 Antibody (40C1285.6) [PE]

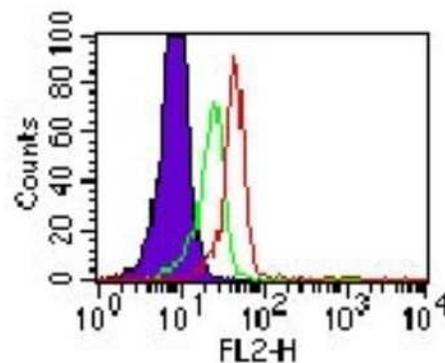
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	40C1285.6
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	PE
Purity	Protein G purified
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	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry 1ul/1 million cells, Immunocytochemistry/Immunofluorescence 1:10-1:2000, Flow (Intracellular)
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Flow Cytometry: TLR3 Antibody (40C1285.6) [PE] [NBP2-24902] - Intracellular analysis of TLR3 in human monocytes using 0.5 ug/10⁶ cells of this antibody. Shaded histogram represents cells without antibody; green represents isotype control ; red represents anti-TLR3 antibody.



Publications

Larsson O, Tengroth L, Xu Y et al. Substance P represents a novel first-line defense mechanism in the nose. *J Allergy Clin Immunol.* [PMID: 28219705] (FLOW, Mouse)

Details:

Citation using the FITC form of this antibody.

Evangelista MG, Castro SB, Alves CC et al. Early IFN-gamma production together with decreased expression of TLR3 and TLR9 characterizes EAE development conditional on the presence of myelin. *Autoimmunity* [PMID: 26911613] (FLOW, Mouse)

Details:

Used the PE form of this antibody.

Jamin A, Dehoux L, Dossier C et al. Toll-like receptor 3 expression and function in childhood idiopathic nephrotic syndrome *Clin Exp Immunol.* [PMID: 26123900] (FLOW, Human)

Tengroth L, Arebro J, Kumlien Georen S et al. Deprived TLR9 Expression in Apparently Healthy Nasal Mucosa Might Trigger Polyp-Growth in Chronic Rhinosinusitis Patients. *PLoS ONE.* 2014-08-19 [PMID: 25133733] (FLOW, Human)

Details:

This citation used the Alexa Fluor 488 version of this antibody.

Green TL, Santos MF, Ejaeidi AA et al. Toll-like receptor (TLR) expression of immune system cells from metastatic breast cancer patients with circulating tumor cells. *Exp Mol Pathol.* 2014-08-01 [PMID: 24836676] (Flow Cytometry Control, Human)

Details:

Citation using the Azide Free format of this antibody.

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] (Flow Cytometry Control, Human)

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

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Products Related to NBP2-24902

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NBP2-24782	TLR3 Antibody (40C1285.6) [Biotin]
210-TA-005	TNF-alpha [Unconjugated]
1487-TR-050	TLR3 [Unconjugated]

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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