Product Datasheet

TLR6 Antibody (86B1153.2) [Biotin]
NBP2-24791

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 9

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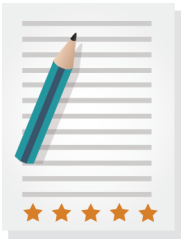
Updated 10/23/2024 v.20.1



NBP2-24791

TLR6 Antibody (86B1153.2) [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	86B1153.2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	10333
Gene Symbol	TLR6
Species	Human
Reactivity Notes	Cross reacts with Human.
Specificity/Sensitivity	TLR6 (86B1153.2)
Immunogen	This antibody was developed against a synthetic peptide corresponding to amino acids 408-424 of human TRL6.

Product Application Details	
Applications	ELISA, Flow Cytometry, Flow (Cell Surface)
Recommended Dilutions	Flow Cytometry, ELISA 1:100-1:2000, Flow (Cell Surface)
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Ganley-Leal LM, Liu X, Wetzler LM. Toll-like receptor 2-mediated human B cell differentiation Clin Immunol 2006-09-01 [PMID: 16766226] (FLOW)

Details:
This citation used the Biotin version of this antibody.

van den Berk LC, Jansen BJ, Siebers-Vermeulen KG et al. Toll-like receptor triggering in cord blood mesenchymal stem cells. J Cell Mol Med. 2009-09-01 [PMID: 20196781] (Human)

Details:
flow (cell surface) cytometry: TLR5 (IMG-663A), TLR6 (IMG-304), TLR8 (IMG-321). Human mesenchymal stem cells, Fig 1C.

Pietschmann K, Beetz S, Welte S et al. Toll-like receptor expression and function in subsets of human gammadelta T lymphocytes. Scand J Immunol. 2009-09-01 [PMID: 19703014]

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).

Murciano C, Villamon E, Yanez A et al. In vitro response to Candida albicans in cultures of whole human blood from young and aged donors. FEMS Immunol Med Microbiol. 2007-11-01 [PMID: 17714490]

Details:
The following anitbodies were used in flow (cell surface) cytometry: TLR2/CD282 FITC (IMG-416C), TLR4 FITC (IMG-417C), TLR6/CD286 FITC (IMG-304C). Human whole blood from both young and elderly volunteers, Fig 1. Note: The fluorescence mean intensity was m

Harman AN, Bye CR, Nasr N et al. Identification of lineage relationships and novel markers of blood and skin human dendritic cells. J Immunol. 2013-01-01 [PMID: 23183897] (Flow-CS, Human)

Details:
Antibodies cited in Fig 4B for flow cytometric analysis of TLR expression in human monocyte-derived dendritic cells (MDDC), CD14+ monocytes, myeloid DC, and plasmacytoid DC:1. TLR2-FITC, clone T2.1 (IMG-416C): Flow (cell surface)2. TLR4-PE, clone HTA124 (

Pegu A, Qin S, Fallert Junecko BA et al. Human lymphatic endothelial cells express multiple functional TLRs. J Immunol. 2008-03-01 [PMID: 18292566]

Details:
Antibodies cited [Flow (Cell surface) and Flow (Intracellular), human lymphatic endothelial cells, Fig. 1D]: 1. IMG-663C (TLR5-FITC) 2. IMG-304C (TLR6-FITC).

Peiser M, Koeck J, Kirschning CJ et al. Human Langerhans cells selectively activated via Toll-like receptor 2 agonists acquire migratory and CD4+T cell stimulatory capacity. J Leukoc Biol. 2008-05-01 [PMID: 18252867]

Details:
IMG-304A Flow (Cell Surface), Fig. 1C [primary human Langerhans cells (LC), LC cells generated from monocytes, and dendritic cells generated from monocytes].

Oberg HH, Ly TT, Ussat S et al. Differential but direct abolishment of human regulatory T cell suppressive capacity by various TLR2 ligands. J Immunol. 2010-05-01 [PMID: 20363971]

Details:
Flow(intracellular) cytometry: TLR2/CD282 PE (IMG-416D) and TLR6/CD286 (IMG-304A). T cells and Tregs were separated from freshly isolated human PBMCs, Fig S3.

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NBP2-26219-2ug	MALP-2, TLR6 and TLR2 ligand
NBP1-96888	Mouse IgG1 Isotype Control (MG1) [Biotin]
NBP2-24969	TLR6 Antibody (86B1153.2) [PE]

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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