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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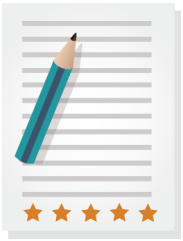
Updated 10/12/2016 v.20.1



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
Recommended Dilutions	ELISA 1:100-1:2000
Application Notes	Immunohistochemistry-Paraffin and Flow cytometry/(Intracellular)

Publications

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

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 Sep [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 Sep [PMID: 19703014]

Details:
Flow (cell surface), Human T cell subsets (V sigma 1 and V sigma 2) isolated from PBMCs, Fig 3. 2. TLR6/CD286 (IMG-304A) & TLR8/CD288 PE (IMG-321D): Flow (intracellular), Human T cell subsets (V sigma 1 and V sigma 2) isolated from PBMCs, Fig 3.

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

Details:
Antibodies cited (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 (IM

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 Nov [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 Jan 1 [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 Mar 1 [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 May [PMID: 18252867]

Details:
IMG-304A Flow (Cell Surface), Fig. 1C [primary human Langerhans cells (LC), LC cells generated from monocytes, and dentric 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 May 1 [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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NBP1-96888	Mouse IgG1 Isotype Control [Biotin]
NBP2-24969	TLR6 Antibody (86B1153.2) [PE]

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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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