Product Datasheet

TLR6 Antibody
NBP2-24971

Unit Size: 0.1 mg

Store at 4C in the dark.

Publications: 9

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Updated 6/15/2014 v.20.1

NBP2-24971

TLR6 Antibody (86B1153.2) [FITC]

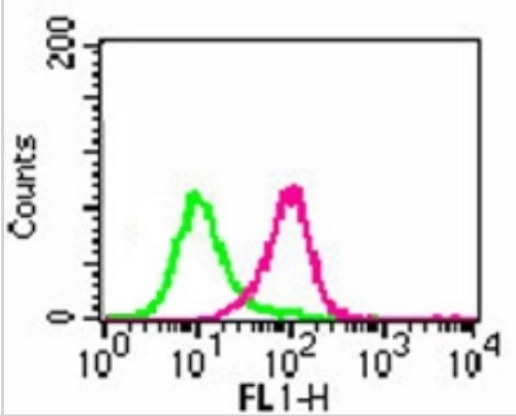
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	86B1153.2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	FITC
Purity	Protein G purified
Buffer	50 mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	10333
Gene Symbol	TLR6
Species	Human
Species Reactivity	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.

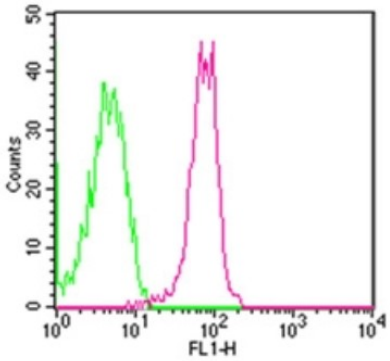
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 0.5-2 ug/ 1X10^6 cells
Application Notes	Immunohistochemistry-Paraffin and Flow cytometry/(Intracellular)

Images

Flow Cytometry: TLR6 Antibody (86B1153.2) [FITC] [NBP2-24971] - Intracellular analysis of TLR6 in Ramos cells using this antibody. Green represents isotype control (mouse IgG1-FITC); red represents anti-TLR6 antibody.



Flow Cytometry: TLR6 Antibody (86B1153.2) [FITC] [NBP2-24971] - Intracellular analysis of TLR6 in human lymphocytes using this antibody; red represents anti-TLR6 antibody.



Publications

Lopez MC, Palmer BE, Lawrence DA. Naive T cells, unconventional NK and NKT cells, and highly responsive monocyte-derived macrophages characterize human cord blood. Immunobiology. 2014 Jun 11 [PMID: 24986635] (Flow-CS, Human)

Details:
Fig 7: Whole cord blood (CB) and adult peripheral blood (APB) samples. The TLR6 mAb was used as a part of a panel of antibodies to study the cellular phenotypes of CD and APB.

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] (WB, Human)

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] (Flow-CS, Human)

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]

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] (Flow-CS, Human)

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 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 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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Products Related to NBP2-24971

F0129	Mouse IgG_{2A} PE‑conjugated Antibody

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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