

Product Datasheet

TLR6 Antibody (86B1153.2) [Alexa Fluor® 488] NBP2-24961

Unit Size: 0.1 mg

Store at 4C in the dark.

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NBP2-24961

TLR6 Antibody (86B1153.2) [Alexa Fluor® 488]

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	Alexa Fluor 488
Purity	Protein G purified
Buffer	50mM Sodium Borate

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.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1ul/1 million cells
Application Notes	Immunohistochemistry-Paraffin and Flow cytometry/(Intracellular)



Publications

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 antibodies 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]

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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Limitations

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