

Product Datasheet

TLR4 Antibody (MTS510) [Alexa Fluor® 647] NBP2-24865AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-24865AF647

TLR4 Antibody (MTS510) [Alexa Fluor® 647]

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	MTS510
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	95.7 kDa

Product Description	
Host	Rat
Gene ID	7099
Gene Symbol	TLR4
Species	Human, Mouse
Specificity/Sensitivity	This antibody preferentially recognizes TLR4-MD-2 complex than of TLR4 alone.
Immunogen	This TLR4 Antibody (MTS510) was developed by immunizing rats with the Ba/F3 cell line expressing mouse TLR4 and MD-2 (Akashi et al, 2000).
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	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Flow (Cell Surface), CyTOF-ready, Block/Neutralize
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Publications

Mahish C, De S, Chatterjee S et al. TLR4 is one of the receptors for Chikungunya virus envelope protein E2 and regulates virus induced pro-inflammatory responses in host macrophages *Frontiers in Immunology* 2023-04-20 [PMID: 37153546] (FLOW, Flow)





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Products Related to NBP2-24865AF647

NBP2-25295-1.0mg	LPS from E. Coli, TLR4 ligand
NBP2-26244	TLR4 Inhibitor Peptide Set
NBP1-51104AF647	Rat IgG2a Isotype Control (KLH/G2a-1-1) [Alexa Fluor® 647]
NBP2-24865AF700	TLR4 Antibody (MTS510) [Alexa Fluor® 700]

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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