

Tlr4

Rat Anti-Mouse Toll-like Receptor 4 (Clone MTS510) mAb, Biotin

Catalog No.	MON4032B	Quantity:	0.5 ml
Alternate Names:	Toll-like Receptor 4, TLR4, CD284		
Description:	<p>Toll-like receptors (TLR) are highly conserved throughout evolution and have been implicated in the innate defense to many pathogens. In <i>Drosophila</i> toll is required for the anti-fungal response, while the related 18-wheeler is involved in antibacterial defenses. In mammals, TLR identified as type I transmembrane signaling receptors with pattern recognition capabilities, have been implicated in the innate host defense to pathogens. TLR4 has been identified next to MD-2 and CD14 as a receptor that is central to the innate immune response to lipopolysaccharides (LPS) of Gram-negative bacteria. The MTS510 monoclonal antibody reacts preferentially, especially in flow cytometry, with murine TLR4 that is associated with MD-2.</p>		
Concentration:	0.1 mg/ml		
UniProt ID:	Q9QUK6		
Specificity:	TLR4/MD2		
Host:	Rat		
Isotype:	IgG2a		
Clone:	MTS510		
Conjugate:	Biotin		
Formulation:	Sterile-filtered purified antibody in PBS with 0.1% BSA and 0.02% sodium azide		
Applications:	FC, IHC, IP		
Application Notes:	For immunohistology and flow cytometry dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.		
Storage & Stability:	Store at 2-8°C for up to 1 year.		

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