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43-1088: Monoclonal Antibody to Mouse TLR4/MD-2 Complex NALE™ Purified (Clone: MTS510)

Clonality :	Monoclonal
Clone Name :	MTS510
Application :	FACS
Reactivity :	Mouse
Gene :	Tlr4
Gene ID :	21898
Uniprot ID :	Q9QUK6
Alternative Name :	CD284
Isotype :	Rat IgG2a, kappa

Description

The MTS510 monoclonal antibody specifically reacts with the Toll-Like Receptor 4 (TLR-4) and MD-2 (LY96) molecular complex. The complex of TLR-4, MD-2, and CD14 regulates the innate immune system recognition of bacterial lipopolysaccharides (LPS) and is expressed on the surface of thioglycollate-elicited macrophages. The epitope that binds the MTS510 antibody is lost after LPS stimulation and the antibody can be used to co-immunoprecipitates MD-2 and TLR4.

Product Info

Amount :	100 µg
Purification :	Purified (No Azide Low Endotoxin)
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.