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36-3271: Anti-CD284 (Toll-Like Receptor 4) Monoclonal Antibody(Clone: TLR4/230)

Clonality :	Monoclonal
Clone Name :	TLR4/230
Application :	Functional Assay
Reactivity :	Human, Rat
Gene :	TLR4
Gene ID :	7099
Uniprot ID :	O00206
Alternative Name :	ARMD10; CD284; hToll; TLR4; TOLL; Toll Endotoxin Hyporesponsiveness; Toll-like receptor 4
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Recombinant full-length human TLR4 protein

Description

This MAb reacts with human Toll-like receptor 2 (TLR4). It is a member of the Toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Multiple transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Functional Studies (Order Ab without Azide);

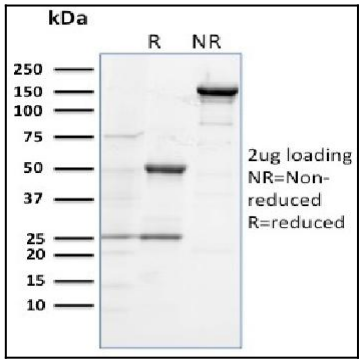


Fig. 1: SDS-PAGE Analysis Purified CD284 Mouse Monoclonal Antibody (TLR4/230). Confirmation of Integrity and Purity of Antibody.

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