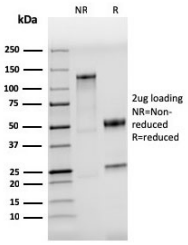
Recombinant TLR4 Antibody [clone TLR4/3895R] (V8385)

Catalog No.	Formulation	Size
V8385-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8385-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8385SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	TLR4/3895R
Purity	Protein A affinity chromatography
UniProt	O00206
Localization	Cell surface
Applications	ELISA : order Ab without BSA for coating
Limitations	This recombinant TLR4 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free TLR4 antibody (clone TLR4/3895R) as confirmation of integrity and purity.

Description

This MAb reacts with human Toll-like receptor 4 (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.

Application Notes

Optimal dilution of the recombinant TLR4 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human TLR4 protein was used as the immunogen for the recombinant TLR4 antibody.

Storage

Store the recombinant TLR4 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).