

TLR4 Polyclonal Conjugated Antibody

Catalog No: #C29072



Package Size: #C29072-AF350 100ul #C29072-AF405 100ul #C29072-AF488 100ul
 #C29072-AF555 100ul #C29072-AF594 100ul #C29072-AF647 100ul
 #C29072-AF680 100ul #C29072-AF750 100ul #C29072-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TLR4 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human TLR4 (NP_612564.1).
Other Names	TLR4;ARMD10;CD284;TLR-4;TOLL
Accession No.	GeneID:7099Swiss Prot:O00206
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	73kDa/91kDa/95kDa
SDS-PAGE MW	110kDa
Concentration	1.0mg/ml
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.114.

Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

Background

The protein encoded by this gene 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.

Note: This product is for in vitro research use only