TLR2 Conjugated Antibody

Catalog No: #C49683

Package Size: #C49683-AF350 100ul #C49683-AF405 100ul #C49683-AF488 100ul #C49683-AF555 100ul #C49683-AF594 100ul #C49683-AF647 100ul #C49683-AF680 100ul #C49683-AF750 100ul #C49683-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TLR2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD282 antibody CD282 antigen antibody TIL 4 antibody TIL4 antibody TLR 2 antibody TLR2 antibody TLR2_HUMAN antibody Toll like receptor 2 antibody Toll like receptor 2 precursor antibody Toll-like receptor 2 antibody Toll/interleukin 1 receptor like 4 antibody Toll/interleukin 1 receptor like protein 4 antibody Toll/interleukin receptor like protein 4 antibody Toll/interleukin-1 receptor-like protein 4 antibody
Accession No.	Swiss-Prot#:O60603
Uniprot	O60603
GeneID	7097;
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
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The TLR family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR1, as well as the other TLR family members, are type I transmembrane receptors that characteristically contain an extracellular domain consisting of several leucine-rich regions along with a single cytoplasmic Toll/IL-1R-like domain. TLR2 and TLR4 are activated in response to lipopolysacchride (LPS) stimulation, which results in the activation and translocation of NFkB and suggests that these receptors are involved in mediating inflammatory responses. Expression of TLR receptors is highest in peripheral blood leukocytes, macrophages, and monocytes. TLR6 is highly homologous to TLR1, sharing greater than 65% sequence identity, and, like other members of TLR family, it induces NFkB signaling upon activation.

Note: This product is for in vitro research use only