

[Go to Product page](#)

Datasheet for ABIN7349154
anti-TLR2 antibody (AA 19-588) (Biotin)

Overview

Quantity:	50 µg
Target:	TLR2
Binding Specificity:	AA 19-588
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Toll-like receptor 2 protein (19-588AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TLR2
Alternative Name:	TLR2 (TLR2 Products)
Background:	Background: Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 or TLR6 to

Target Details

mediate the innate immune response to bacterial lipoproteins or lipopeptides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. May also promote apoptosis in response to lipoproteins. Recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulin (PSM) and B.burgdorferi outer surface protein A lipoprotein (OspA-L) cooperatively with TLR6.

Aliases: 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

UniProt: [O60603](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.