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## Datasheet for ABIN7349151 **anti-TLR2 antibody (AA 19-588)**

### Overview

Quantity:	50 µg
Target:	TLR2
Binding Specificity:	AA 19-588
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR2 antibody is un-conjugated
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 ( <a href="#">TLR2 Products</a> )
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.