

ARG43911 anti-TLR2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TLR2
Tested Reactivity	Ms
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TLR2
Species	Mouse
Immunogen	Mouse TLR2 recombinant protein
Conjugation	Un-conjugated
Alternate Names	TLR2; Toll Like Receptor 2; TIL4; Toll-Like Receptor 2; CD282; Toll/Interleukin-1 Receptor-Like Protein 4; CD282 Antigen

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

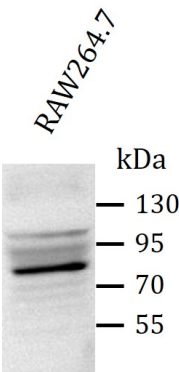
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TLR2
Gene Full Name	Toll Like Receptor 2
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. This protein is a cell-surface protein that can form heterodimers with other TLR family members to recognize conserved molecules derived from microorganisms known as pathogen-associated molecular patterns (PAMPs). Activation of TLRs by PAMPs leads to an up-regulation of signaling pathways to modulate the host's inflammatory response. This gene is also thought to promote apoptosis in response to bacterial lipoproteins. This gene has been implicated in the pathogenesis of several autoimmune diseases. Alternative splicing results in multiple transcript variants.
Function	Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 or TLR6 to mediate the innate immune response to bacterial lipoproteins or lipopeptides.
Calculated Mw	90 kDa
PTM	Disulfide bond, Glycoprotein, Isopeptide bond, Ubl conjugation
Cellular Localization	Cytoplasmic vesicle, Membrane

Images



ARG43911 anti-TLR2 antibody WB image

Western blot: RAW264.7 stained with ARG43911 anti-TLR2 antibody at 0.5 µg/mL dilution.