



TLR2 rabbit pAb

Cat No.:ES20606

For research use only

Overview

Product Name	TLR2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IHC: 1:200-500
Immunogen	Recombinant Protein of TLR2
Specificity	The antibody detects endogenous TLR2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Toll-like receptor 2
Gene Name	TLR2
Cellular localization	Membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle, phagosome membrane ; Single-pass type I membrane protein . Membrane raft . Does not reside in lipid rafts before stimulation but accumulates increasingly in the raft upon the presence o
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	
Human Gene ID	7097
Human Swiss-Prot Number	O60603
Alternative Names	TLR2; TIL4; Toll-like receptor 2; Toll/interleukin-1 receptor-like protein 4; CD282
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. [provided by RefSeq, Jan 2016],

Immunohistochemical analysis of paraffin-embedded Mouse Spleen Tissue using TLR2 Polyclonal Antibody.

