

TLR2 antibody

Product Information

Catalog No.:	FNab10498
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	Toll-like receptor 2
Synonyms:	Toll-like receptor 2 Toll/interleukin-1 receptor-like protein 4 TLR2 TIL4
Observed MW:	105 kDa
Uniprot ID :	O60603

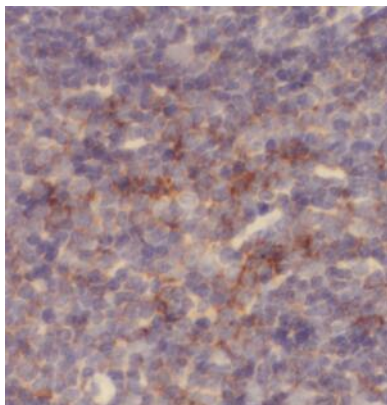
Application

Reactivity:	Human, Mouse, Rat
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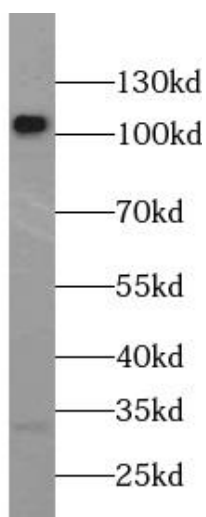
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:200; IF: 1:50-1:200

Image:



Immunohistochemistry of paraffin-embedded Rat spleen tissue slide using FNab10498(TLR2 antibody) at dilution of 1:50



Rat spleen tissue were subjected to SDS PAGE followed by western blot with FNab10498(TLR2 antibody) at dilution of 1:1000