Product Datasheet

TLR2 antibody

Catalog No: #38422

Package Size: #38422-1 50ul   #38422-2 100ul

Description

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Product Name	TLR2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TLR2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human TLR2 (NP_003255.2).
Target Name	TLR2
Other Names	CD282;TIL4;TLR2
Accession No.	Uniprot:O60603GeneID:7097
Uniprot	O60603
GeneID	7097
SDS-PAGE MW	105kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

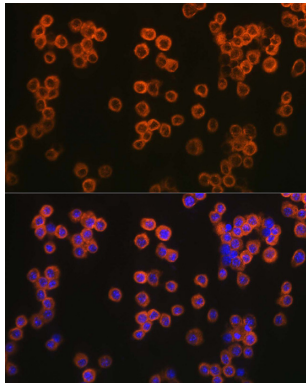WB   1:500 - 1:2000IF   1:50 - 1:200

Images
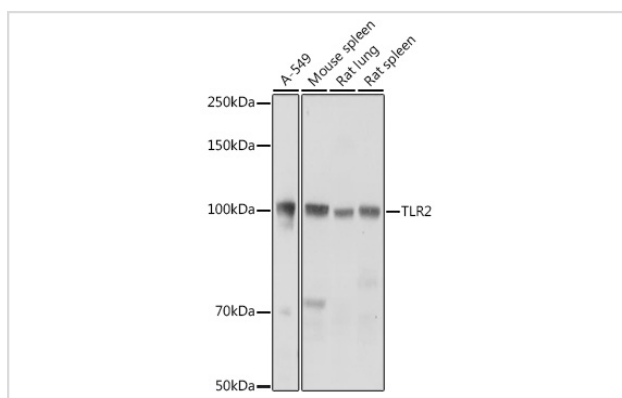
Western blot analysis of extracts of various cell lines, using TLR2 antibody.
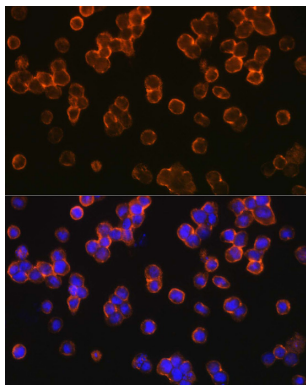
Immunofluorescence analysis of U937 cells using TLR2 Rabbit pAb.

Immunofluorescence analysis of Raw264 7 cells using TLR2 Rabbit pAb.

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.

Note: This product is for in vitro research use only