Product Datasheet

TLR2 Antibody

Catalog No: #24192

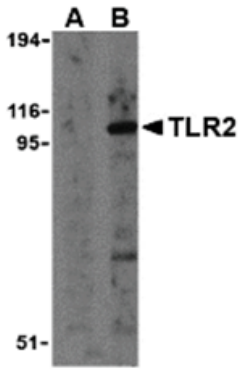
Package Size: #24192 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

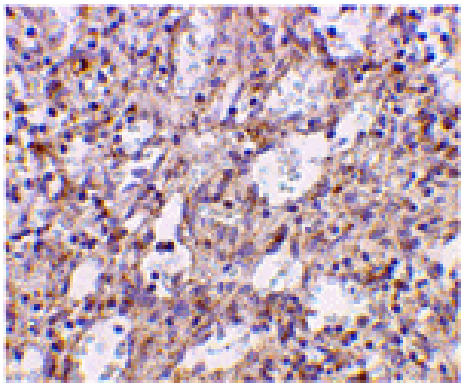
Description

Product Name	TLR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	TLR2 Antibody is affinity chromatography purified via peptide column.
Applications	ELISA WB IHC
Species Reactivity	Human;Mouse
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 14 amino acids near the amino terminus of human TLR2.
Conjugates	Unconjugated
Target Name	TLR2
Other Names	TIRAP, MAL, TIR domain containing adaptor protein
Accession No.	O60603
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of TLR2 in A20 cell lysates with TLR2 antibody at 1 ug/mL in the presence (A) and absence (B) of its blocking peptide.



Immunohistochemical staining of human spleen cells using TLR2 antibody at 2 ug/mL.

Background

Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors such as Protein Kinase C (PKC) alpha/beta and NF-κB. TLR2 can form heterodimers with either TLR1 or TLR6, and as a heterodimer can recognize a variety of bacterial and mycoplasma lipoproteins respectively.

Published Papers

el at., Single-cell analysis reveals the immune heterogeneity and interactions in lungs undergoing hepatic ischemia-reperfusionInInt ImmunopharmacolOn2023 NovbyChen Zhang1,Mingwei Sheng2, et al..PMID:37844464, , (2023)

PMID:37844464

Note: This product is for in vitro research use only and is not intended for use in humans or animals.