Product Datasheet

TLR5 Rabbit mAb

Catalog No: #49443

Package Size: #49443-1 50ul #49443-2 100ul

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

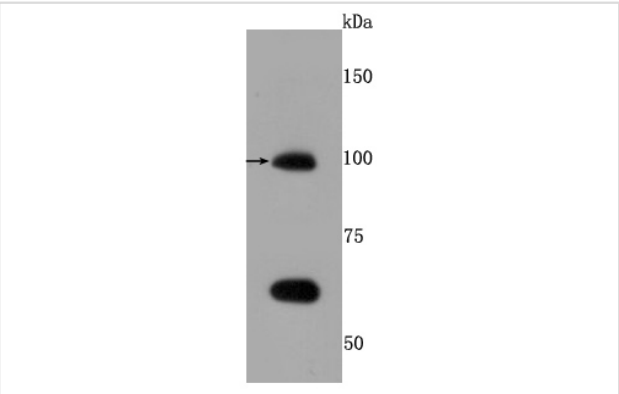
Description

Product Name	TLR5 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM10-88
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	FLJ10052 antibody MGC126430 antibody MGC126431 antibody SLEB1 antibody TIL 3 antibody TIL3 antibody TLR 5 antibody Tlr5 antibody TLR5_HUMAN antibody Toll like receptor 5 antibody Toll like receptor 5 precursor antibody Toll-like receptor 5 antibody Toll/interleukin 1 receptor like protein 3 antibody Toll/interleukin-1 receptor-like protein 3 antibody
Accession No.	Swiss-Prot#:O60602
Uniprot	O60602
GeneID	7100;
Calculated MW	97 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

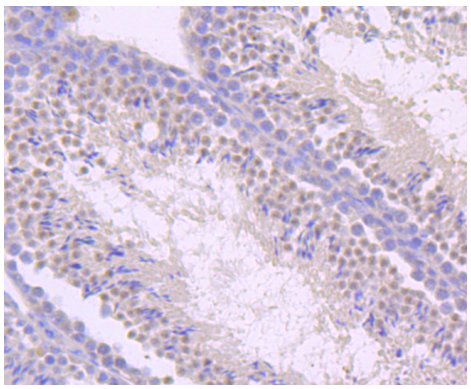
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

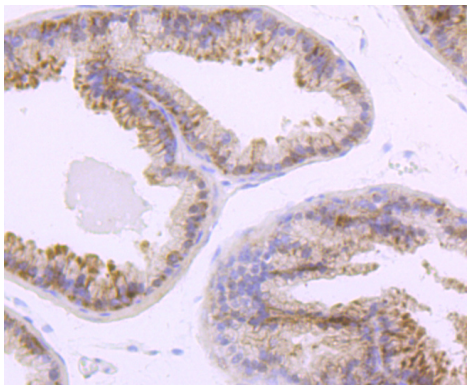
Images



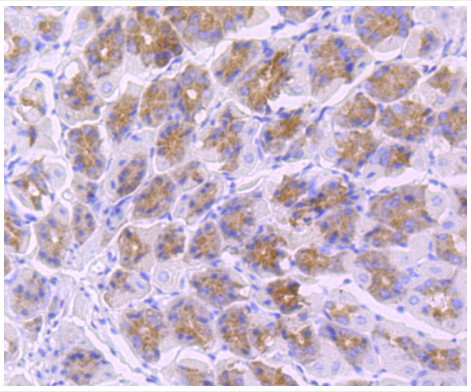
Western blot analysis of TLR5 on Hela cells lysates using anti-TLR5 antibody at 1/500 dilution.



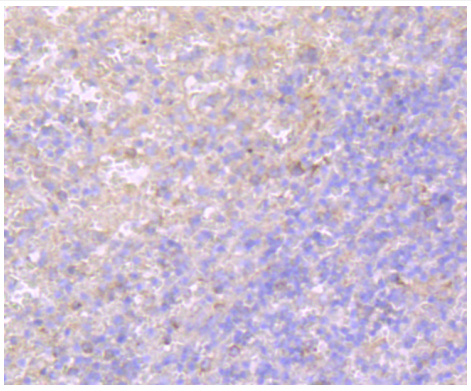
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-TLR5 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse prostate tissue using anti-TLR5 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse stomack tissue using anti-TLR5 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-TLR5 antibody. Counter stained with hematoxylin.

Background

Six human homologs of the Drosophila Toll receptor were initially identified based on their sequence similarities and designated toll-like receptors (TLR). Toll receptors are involved in mediating dorsoventral polarization in the developing Drosophila embryo and also participate in the host immunity. The TLR family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR1, as well as the other TLR family members, are type I transmembrane receptors that characteristically contain an extracellular domain consisting of several leucine-rich regions along with a single cytoplasmic Toll/IL-1R-like domain. TLR2 and TLR4 are activated in response to lipopolysacchride (LPS) stimulation, which results in the activation and translocation of NFkB and suggests that these receptors are involved in mediating inflammatory responses. TLR5 specifically participates in the innate immune response to microbial agents. TLR5 is highly expressed in ovary and in peripheral

blood leukocytes, most abundantly in monocytes and, to a lesser extent, in prostate and testis.

References

Note: This product is for in vitro research use only