



TLR8 Polyclonal Antibody

Catalog No	YP-Ab-01182
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF
Gene Name	TLR8
Immunogen	Recombinant Protein of TLR8
Specificity	The antibody detects endogenous TLR8 protein.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1:200-500. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD 288;CD288;CD288 antigen;MGC119599;MGC119600;TLR 8;Tlr8;TLR8_HUMAN;Toll like receptor 8;Toll-like receptor 8
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endosome membrane ; Single-pass type I membrane protein . Endosomal localization confers distinctive proteolytic processing. .
Tissue Specificity	Expressed in myeloid dendritic cells, monocytes, and monocyte-derived dendritic cells.
Function	function:Participates in the innate immune response to microbial agents. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.,similarity:Belongs to the Toll-like receptor family.,similarity:Contains 1 TIR domain.,similarity:Contains 24 LRR (leucine-rich) repeats.,subunit:Binds MYD88 via their respective TIR domains.,tissue specificity:Detected in brain, heart, lung, liver, placenta, in monocytes, and at lower levels in CD11c+ immature dendritic cells.,



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. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. [provided by RefSeq, Jul 2008],

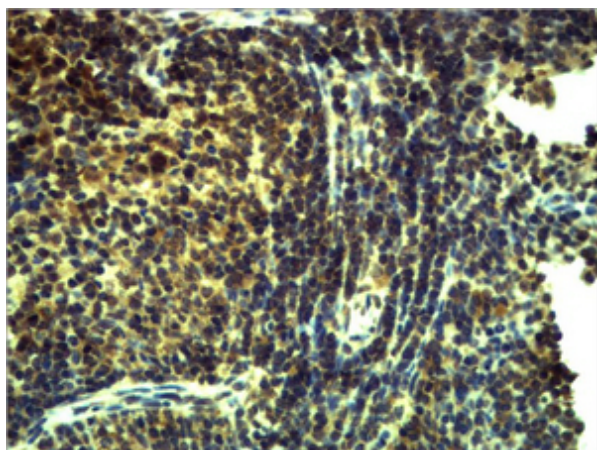
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded Mouse Spleen Tissue using TLR8 Polyclonal Antibody.