



# TLR6 rabbit pAb

Cat No.:ES20604

For research use only

## Overview

<b>Product Name</b>	TLR6 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	IHC: 1:200-500
<b>Immunogen</b>	Recombinant Protein of TLR6
<b>Specificity</b>	The antibody detects endogenous TLR6 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Toll-like receptor 6
<b>Gene Name</b>	TLR6
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle, phagosome membrane ; Single-pass type I membrane protein . Membrane raft . Golgi apparatus . Upon complex formation with CD36 and TLR4, internalized through dynamin-dependent endoc
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	
<b>Observed band</b>	
<b>Human Gene ID</b>	10333
<b>Human Swiss-Prot Number</b>	Q9Y2C9
<b>Alternative Names</b>	Toll-like receptor 6; CD286
<b>Background</b>	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 receptor functionally interacts with toll-like receptor 2 to mediate cellular response to bacterial lipoproteins. A Ser249Pro polymorphism in the extracellular domain of the encoded protein may be associated with an increased of asthma in some populations.[provided by RefSeq, Jan 2011],

Immunohistochemical analysis of paraffin-embedded Mouse Spleen Tissue using TLR6 Polyclonal Antibody.

