

TLR1

Goat Anti-Human Toll-Like Receptor 1 Affinity Purified pAb

Catalog No.	CPT116	Quantity:	100 µl
Alternate Names:	CD281, TIL		
Gene ID:	7096		
Description:	<p>Goat Anti-human TLR1 Affinity Purified monoclonal antibody. The TLR (toll-like receptors) 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 NFκB and suggests that these receptors are involved in mediating inflammatory responses. Expression of TLR receptors is highest in peripheral blood leukocytes, macrophages, and monocytes. TLR6 is highly homologous to TLR1, sharing greater than 65% sequence identity, and, like other members of the TLR family, it induces NFκB signaling upon activation.</p>		
Specificity:	Human TLR1		
Host:	Goat		
Immunogen:	Recombinant human TLR1		
Formulation:	Liquid in PBS + 50% glycerol + 1% BSA + 0.02% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Applications:	Western Blot ELISA		
Application Notes:	<p>For Western Blot, use a working dilution of 1:200-1,000. For ELISA, use a working dilution of 1:100-500. The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store at -20°C. For long term storage, aliquot and store at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

