

Immunotag™ TLR1 Antibody

Antibody Specification	
Catalog No.	ITA6262
Product Description	Immunotag™ TLR1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TLR1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TLR1
Specificity	TLR1 Antibody detects endogenous levels of total TLR1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TLR1
Accession No.	Q15399
Alternate Names	CD281; CD281 antigen; KIAA0012; LPRS5; rsc786; TIL; TIL. LPRS5; Tlr1; TLR1_HUMAN; Toll (Drosophila) homolog; Toll like receptor 1; Toll-like receptor 1; Toll/interleukin-1 receptor-like protein;

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Description	Participates in the innate immune response to microbial agents. Specifically recognizes diacylated and triacylated lipopeptides. Cooperates with TLR2 to mediate the innate immune response to bacterial lipoproteins or lipopeptides (PubMed:21078852). Forms the activation cluster TLR2:TLR1:CD14 in response to triacylated lipopeptides, this cluster triggers signaling from the cell surface and subsequently is targeted to the Golgi in a lipid-raft dependent pathway (PubMed:16880211). Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	90kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.