



Human TLR6 blocking peptide (CDBP2994)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-TLR6 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	TLR6 toll-like receptor 6 [Homo sapiens]
Official Symbol	TLR6
Synonyms	TLR6; toll-like receptor 6; CD286;
Entrez Gene ID	10333
mRNA Refseq	NM_006068
Protein Refseq	NP_006059
UniProt ID	Q9Y2C9
Chromosome Location	4p16.1
Pathway	Activated TLR4 signalling, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88:Mal cascade initiated on plasma membrane, organism-specific biosystem; Phagosome, organism-specific biosystem;
Function	diacyl lipopeptide binding; lipopeptide binding; protein heterodimerization activity; receptor activity; transmembrane signaling receptor activity;