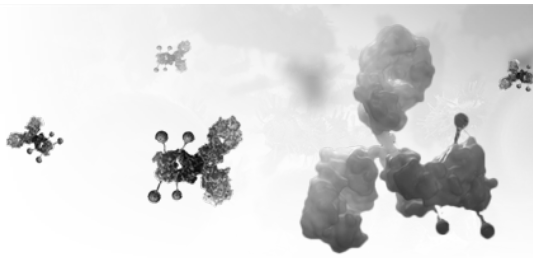

# Human TLR6 blocking peptide (CDBP2995)

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

## PRODUCT INFORMATION

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|---|---|
| **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 is 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℃, stable for one year. |

## GENE INFORMATION

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| | |
|---|---|
| **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; |

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