



Human MyD88 blocking peptide (CDBP1945)

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

PRODUCT INFORMATION

Product Overview	Myd88 (internal) peptide (human)
Antigen Description	This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name [MYD88 myeloid differentiation primary response gene \(88\) \[Homo sapiens \]](#)

Official Symbol	MyD88
Synonyms	MYD88; myeloid differentiation primary response gene (88); myeloid differentiation primary response protein MyD88; MYD88D;
Entrez Gene ID	4615
mRNA Refseq	NM_001172566
Protein Refseq	NP_001166037
UniProt ID	Q99836
Chromosome Location	3p22
Pathway	Activated TLR4 signalling, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem;
Function	TIR domain binding; Toll binding; death receptor binding; identical protein binding; protein binding;