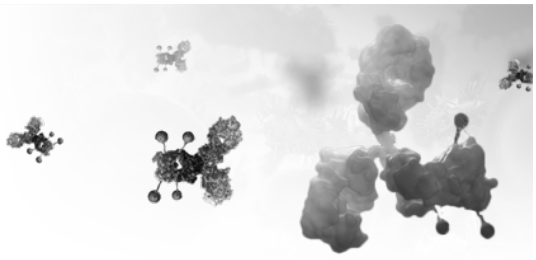

MYD88 blocking peptide (CDBP5775)

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

PRODUCT INFORMATION

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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	MYD88 myeloid differentiation primary response 88 [Homo sapiens (human)]
Official Symbol	MYD88
Synonyms	MYD88; myeloid differentiation primary response 88; MYD88D; myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene (88)

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Entrez Gene ID	4615
mRNA Refseq	NM_001172566
Protein Refseq	NP_001166037
UniProt ID	Q99836
Pathway	AGE/RAGE pathway; Activated TLR4 signalling; African trypanosomiasis; Apoptosis; Apoptosis Modulation and Signaling; Chagas disease (American trypanosomiasis); Cytokine Signaling in Immune system; Cytosolic sensors of pathogen-associated DNA
Function	TIR domain binding; death receptor binding; identical protein binding; protein binding

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