



LY96 blocking peptide (CDBP5738)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS), thus providing a link between the receptor and LPS signaling. Studies of the mouse ortholog suggest that this gene may be involved in endotoxin neutralization. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 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	LY96 lymphocyte antigen 96 [Homo sapiens (human)]
Official Symbol	LY96
Synonyms	LY96; lymphocyte antigen 96; MD2; MD-2; ly-96; ESOP-1; protein MD-2; myeloid differentiation protein-2
Entrez Gene ID	23643
mRNA Refseq	NM_001195797

Protein Refseq	NP_001182726
UniProt ID	Q9Y6Y9
Pathway	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; IKK complex recruitment mediated by RIP1; Immune System; Innate Immune System; MyD88-independent cascade; MyD88:Mal cascade initiated on plasma membrane; NF-kappa B signaling pathway
Function	coreceptor activity; lipopolysaccharide receptor activity; protein binding
