



Human LY96 blocking peptide (CDBP1846)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-MD-2 antibody
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]
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	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_001195797.1
Protein Refseq	NP_001182726.1
UniProt ID	E5RJJ7
Chromosome Location	8q21.11
Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon, organism-specific biosystem; IKK complex recruitment mediated by RIP1, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88-independent cascade, organism-specific biosystem; MyD88:Mal cascade initiated on plasma membrane, organism-specific biosystem; NF-kappa B signaling pathway, organism-specific biosystem; Pat
Function	coreceptor activity; lipopolysaccharide receptor activity; protein binding;