



CD180 blocking peptide (CDBP6024)

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

PRODUCT INFORMATION

Antigen Description	CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria. [provided by RefSeq, Jul 2008]
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	CD180 CD180 molecule [Homo sapiens (human)]
Official Symbol	CD180
Synonyms	CD180; CD180 molecule; LY64; Ly78; RP105; CD180 antigen; lymphocyte antigen 64; radioprotective 105 kDa protein; lymphocyte antigen-64, radioprotective, 105kDa
Entrez Gene ID	4064

mRNA Refseq	<u>NM_005582</u>
Protein Refseq	<u>NP_005573</u>
UniProt ID	Q99467
Pathway	Immune System; Innate Immune System; Toll Like Receptor 4 (TLR4) Cascade; Toll-Like Receptors Cascades
