



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