

CD14 Rabbit mAb
Catalog # AP77307**Specification****CD14 Rabbit mAb - Product Information**

Application	WB, IHC, IF
Primary Accession	P08571
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	40076

CD14 Rabbit mAb - Additional Information

Gene ID 929

Other Names

CD14

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

Format

Liquid

CD14 Rabbit mAb - Protein Information

Name CD14

Function

Coreceptor for bacterial lipopolysaccharide (PubMed:[1698311](http://www.uniprot.org/citations/1698311)), PubMed:[23264655](http://www.uniprot.org/citations/23264655)). In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the LY96/TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS) (PubMed:[20133493](http://www.uniprot.org/citations/20133493)), PubMed:[22265692](http://www.uniprot.org/citations/22265692)), PubMed:[23264655](http://www.uniprot.org/citations/23264655)). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (PubMed:[8612135](http://www.uniprot.org/citations/8612135)). Acts as a coreceptor for TLR2:TLR6 heterodimer in response to diacylated lipopeptides and for TLR2:TLR1 heterodimer in response to triacylated lipopeptides, these clusters trigger signaling from the cell surface and subsequently are targeted to the Golgi in a lipid-raft dependent pathway (PubMed:[16880211](http://www.uniprot.org/citations/16880211)). Binds electronegative LDL (LDL(-)) and mediates the cytokine release induced by LDL(-) (PubMed:[23880187](http://www.uniprot.org/citations/23880187))

target="_blank">23880187).

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Membrane raft. Golgi apparatus.
Note=Secreted forms may arise by cleavage of the GPI anchor.

Tissue Location

Detected on macrophages (at protein level) (PubMed:1698311). Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.

CD14 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD14 Rabbit mAb - Images



