anti- CD14 antibody

Product Information

Catalog No.:	FNab01427
Size:	100μg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	0G10
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Coreceptor for bacterial lipopolysaccharide(PubMed:1698311, PubMed: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, PubMed:23264655). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response(PubMed: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). Binds electronegative LDL(LDL(-)) and mediates the cytokine release induced by LDL(-)(PubMed:23880187).

Immunogen information

Immunogen:	CD14 molecule
Synonyms:	CD14, CD14 molecule
Observed MW:	50-55 kDa
Uniprot ID :	P08571

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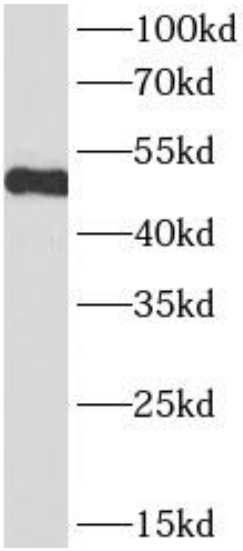
Application

Reactivity: Human, Mouse

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



THP-1 cells were subjected to SDS PAGE followed by western blot with FNab01427 (CD14 antibody) at dilution of 1:1000

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