

Mouse anti-Human, Mouse CD14 Monoclonal Antibody | anti-CD14 antibody

CD14 Mouse Monoclonal

CATALOG # AAA102728	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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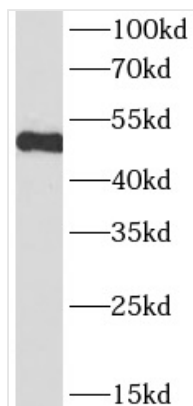
PRODUCT SYNONYMS

CD14; Monoclonal Antibody; CD14 Mouse Monoclonal; anti-CD14 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	0G10
Purity/Purification	≥95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3,
Sequence Length	373
Applicable Applications for anti-CD14 antibody	WB (Western Blot), ELISA
Immunogen	CD14 molecule
Preparation and Storage	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

THP-1 cells were subjected to SDS PAGE followed by western blot with AAA102728 (CD14 antibody) at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-CD14 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2274810
NCBI GeneID	281048
UniProt Accession #	P08571; Q9TVA7; A8DBS7; Q95122
Molecular Weight	Observed MW: 50-55 kDa
NCBI Official Full Name	CD14
NCBI Official Symbol	CD14
NCBI Protein Information	monocyte differentiation antigen CD14
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	CD14
UniProt Entry Name	CD14_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd14-antibody-clone-0g10-western-blot-elisa/102728>