Human CD14/TLR4-hIgG4(KLH)

Cat No.:	03-01-0204
Product Name:	Human CD14/TLR4-hIgG4(KLH)
Description:	CD14 serves as a co-receptor (along with the Toll-like receptor TLR 4 and MD-2) for the detection of bacterial lipopolysaccharide (LPS).CD14 can bind LPS only in the presence of lipopolysaccharide-binding protein (LBP). Although LPS is considered its main ligand, CD14 also recognizes other pathogen-associated molecular patterns such as lipoteichoic acid.CD14 is expressed mainly by macrophages and (at 10-times lesser extent) by neutrophils,which exists as GPI anchored or soluble forms.CD14 mediates the innate immune response to bacterial lipopolysaccharide (LPS), via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
Type:	Protein
Property:	Recombinant Protein
Source:	HEK293
Applications:	ELISA, WB, Immunogen
Formulation:	Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).
Purity:	>95%

Storage:	Store at -80°C, Avoid freeze / thaw cycle.
Limitation:	For research use only, not for use in diagnostic procedures.