

Mouse sCD14

Cat No.:	03-01-0206
Product Name:	Mouse sCD14
Description:	<p>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.</p>
Type:	Protein
Property:	Recombinant Protein
Source:	HEK293
Genbank No.:	P10810 (aa.16-336)
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.