

Human sCD14

Cat No.: 03-01-0203

Product Name: Human sCD14

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.