9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD14 Mouse

CD14 Mouse Recombinant
CDA0009

Product Overview

Name	CD14 Mouse
Description	
CD14 Mouse Recombinant	
Accession (Primary)	P10810
Synonyms	
Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein, CD14.	
Introduction	
CD14 (also known lipopolysaccharide (LPS) receptor) is expressed strongly on monocytes and macrophage and weakly on the surface of neutrophils. CD14 is anchored to cells by linkage to glycosylphosphatidylinositol (GPI) and functions as a high affinity receptor for complexes of LPS and LPS binding protein (LBP). Soluble CD14, also binding to LPS, acts at physiological concentration as an LPS agonist and has, at higher concentrations, an LPS antagonizing effect in cell activation. CD14 has been shown to bind apoptotic cells.	
Source	
CHO-cells.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
CD14 was lyophilized from a concentrated protein solution (1 mg/ml) containing phosphate-buffered saline, pH 7.2.	
Stability	
Lyophilized Mouse CD14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse CD14 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Solubility	
It is recommended to reconstitute the lyophilized Mouse CD14 in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.	
Applications	
• ELISA. • Inhibition Assays. • Western Blotting.	
Precautions	

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CD14 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10810)