

CD14

Mouse Anti-Human CD14 (Clone MEM-18) mAb

Catalog No.	MON1108	Quantity:	100 µg
Alternate Names:	Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein		
Description:	MON1108 recognizes CD14, a 55 kDa GPI-anchored glycoprotein, which is constitutively expressed on the surface of mature monocytes, macrophages, and neutrophils, where serves as a multifunctional lipopolysaccharide receptor; it is also released to the serum both as a secreted and enzymatically cleaved GPI-anchored form. CD14 binds lipopolysaccharide molecule in a reaction catalyzed by lipopolysaccharide-binding protein (LBP), an acute phase serum protein. The soluble sCD14 is able to discriminate slight structural differences between lipopolysaccharides and is important for neutralization of serum allochthonous lipopolysaccharides by reconstituted lipoprotein particles.		
Concentration:	1 mg/ml		
UniProt ID:	P08571		
Specificity:	Human CD14		
Host:	Mouse		
Immunogen:	A crude mixture of human urinary proteins precipitated by ammonium sulphate from the urine of a patient suffering from proteinuria		
Isotype:	IgG1		
Clone:	MEM-18		
Formulation:	PBS, pH 7.4 containing 15 mM sodium azide		
Applications:	Flow cytometry: suggested concentration 4 µg/ml Immunoprecipitation Western Blot: non-reducing conditions ELISA: use as detecting antibody		
Storage & Stability:	Store antibody at 2-8°C until expiration date.		

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