

CD14

Mouse Anti-Human CD14 (Clone MEM-15) mAb

Catalog No.	MON1072	Quantity:	100 µg
Alternate Names:	Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein, CD14, LPS-receptor		
Description:	MON1072 reacts with CD14, a 53-55 kDa GPI (glycosylphosphatidylinositol)-linked membrane glycoprotein expressed on monocytes, macrophages and weakly on granulocytes; also expressed by most tissue macrophages. 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. CD14 affects allergic, inflammatory and infectious processes.		
Concentration:	1 mg/ml		
UniProt ID:	P08571		
Specificity:	Human and non-human primate 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-15		
Formulation:	PBS, pH 7.4 containing 15 mM sodium azide		
Applications:	Flow cytometry: suggested concentration 4 µg/ml IP		
Storage & Stability:	Store undiluted antibody at 2-8°C until expiry date.		

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