

CD14

Mouse Anti-Human CD14 Clone biG 14 Cross-Reacting mAb

Catalog No.	CMC002	Quantity:	100 µg
Alternate Names:	Monocyte differentiation antigen CD14, myeloid cell-specific leucine-rich glycoprotein		
Description:	Mouse Anti-Human CD14 Clone biG 14 mAb represents an excellent marker for CD14. The CD14 glycoprotein, gp 55, is present on most monocytic and macrophage-like cell types: monocytes, macrophages, Kupffer cells, pleural phagocytic cells and dendritic reticular cells. CD14 is also observed on granulocytes and activated or transformed B-cells. Furthermore CD14 is present in a soluble form in human serum, urine and other body fluids. The CD14 molecule cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide.		
Concentration:	1 mg/ml		
Gene ID:	929		
Specificity:	Binding epitope: amino acid 39-44		
Immunogen:	Monocytes of different species and immunoaffinity purified soluble human CD14		
Isotype:	IgG1		
Clone:	biG 14		
Formulation:	Lyophilized from a solution of PBS without sodium azide or other preservative.		
Purification:	Protein G purified		
Reconstitution:	Centrifuge vial prior to opening. For reconstitution add 100 µl distilled water to get a concentration of 1 mg/ml in PBS.		
Cross-Reactivity:	Cross reacting with CD14 of bovine++, porcine++, dog+, horse+, guinea pig+.		
Applications:	Suitable for immunostaining of CD14 positive cells by Flow Cytometry, ELISA, CD14 Inhibition Studies, Western Blot.		
Application Notes:	Inhibits binding of LPS to CD14 of pig++, dog+, bovine +, dog+. Binding titre of human CD14 transfected CHO-cells: >10,000		
Storage & Stability:	After reconstitution, aliquot into working stocks and freeze at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

