

## CD14

### Mouse Anti-Human CD14 Clone biG 7 mAb

<b>Catalog No.</b>	CMC004	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Monocyte differentiation antigen CD14, myeloid cell-specific leucine-rich glycoprotein		
<b>Description:</b>	Mouse Anti-Human CD14 Clone biG 7 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.		
<b>Concentration:</b>	1 mg/ml		
<b>Gene ID:</b>	929		
<b>Specificity:</b>	Binding epitope: beyond N-terminal amino acid 1-152		
<b>Binding Titer:</b>	1:10,000		
<b>Immunogen:</b>	Monocytes and immunoaffinity purified soluble human CD14		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	biG 7		
<b>Formulation:</b>	Lyophilized from a solution of PBS without sodium azide or other preservatives.		
<b>Purification:</b>	Protein G purified		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> For reconstitution add 100 µl distilled water to get a concentration of 1 mg/ml in PBS.		
<b>Applications:</b>	Suitable for immunostaining of CD14 positive cells by Flow Cytometry, ELISA, CD14 inhibition studies, Western Blot (no reducing).		
<b>Application Notes:</b>	No inhibition of LPS binding to CD14.		
<b>Storage &amp; Stability:</b>	After reconstitution, aliquot into working stocks and freeze at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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