

## CD14

### Mouse Anti-human CD14 Clone biG 10 mAb

<b>Catalog No.</b>	CMC000	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Lipopolysaccharide receptor, LPS receptor		
<b>Description:</b>	<p>Mouse Anti-human CD14 Clone biG 10 monoclonal antibody represents an excellent marker for CD14.</p> <p>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 has been reported to be a receptor for endotoxin.</p>		
<b>Concentration:</b>	1 mg/ml		
<b>Gene ID:</b>	929		
<b>Specificity:</b>	Binding epitope: amino acids 9-13, 39-44		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Human monocytes, monocytes of different species and soluble human CD14		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	biG 10		
<b>Formulation:</b>	Lyophilized at 1 mg/ml from a solution of PBS without sodium azide or other preservative.		
<b>Purification:</b>	Protein G purification		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add 100 µl sterile distilled water to the vial to fully solubilize the antibody.		
<b>Applications:</b>	Suitable for immunostaining of CD14 positive cells by Flow Cytometry, ELISA, CD14 Inhibition Studies, Western Blot. The optimal concentration should be determined by the user for each specific application.		
<b>Application Notes:</b>	Inhibits binding of LPS to CD14. Inhibition of LPS-binding to CD14: 100 µg/ml. Binding titre of human CD14 transfected CHO-cells: >10,000.		
<b>Storage &amp; Stability:</b>	Store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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

