

## Anti-human CD14, clone biG 7 Monoclonal Antibody

<b>Cat. No.:</b>	CMC004	<b>Size:</b> 100 µg/100 µl PBS without NaN <sub>3</sub> , lyophilized
<b>Lot No.:</b>	030602	
<b>Clone:</b>	biG 7	
<b>Category:</b>	Mouse monoclonal antibody, Protein G purified, Lyophilized	
<b>Reconstitution:</b>	Add 100 µl of distilled water	
<b>Immunoglobulin Class</b>	IgG <sub>1</sub>	
<b>Antigen:</b>	Monocytes and immunoaffinity purified soluble CD14.	
<b>Special note:</b>	biG 7 represent an excellent marker for CD14. The CD14 glycoprotein, gp 55, is present on most monocytic and macrophages 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.	
<b>Characteristics:</b>	Non inhibition of LPS binding to CD14, binding epitope: amino acid 9-13, 39-44. Binding titer 1:10,000.	
<b>Applications:</b>	Suitable for immunostaining of CD14 positive cells (Flow cytometry), ELISA, CD14 inhibition studies and Western blotting (non-reducing).	
<b>Storage:</b>	Store at -20°C or lower	
<b>IgG content:</b>	1 mg/ml	

Caution: **Not for human use.** For research use only.

