

## Anti-CD14, clone biG 13, Monoclonal Antibody to Human and Bovine Monocytes

<b>Catalog No.</b>	CMC001
<b>Lot No:</b>	1101101
<b>Quantity:</b>	100 µg in PBS without NaN <sub>3</sub>
<b>Description:</b>	iG 13 represents an excellent marker for CD14. The CD14 glycoprotein, gp 55, is present on most mono-cytic 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. Repeated freezing and thawing should be avoided.
<b>Concentration:</b>	1 mg/ml after reconstitution
<b>Gene ID:</b>	929
<b>Specificity:</b>	CD14
<b>Host:</b>	Mouse
<b>Immunogen:</b>	Monocytes of different species and immunoaffinity purified soluble human CD14
<b>Isotype:</b>	IgG1
<b>Clone:</b>	biG 13
<b>Formulation:</b>	Lyophilized from a solution containing PBS
<b>Reconstitution:</b>	For reconstitution add 100µl water to get concentration of 1 mg/ml in PBS
<b>Applications:</b>	Suitable for immunostaining of CD14 positive cells (flow cytometry) ELISA, CD14 inhibition studies, Western Blot
<b>Storage &amp; Stability:</b>	Long time storage at -20°C or -80°C
<b>Notes:</b>	20 µg/ml inhibits binding of 0.5 µg/ml LPS to CD14, binding epitope amino acid 9-13, 39-44, cross reacting with CD14 of cattle++, swine ++, dog+ horse+ Binding titre at human CD14 transfected CHO-cells: more than 10.000

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

