

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

Catalog No.	CMC001
Lot No:	1101101
Quantity:	100 µg in PBS without NaN ₃
Description:	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.
Concentration:	1 mg/ml after reconstitution
Gene ID:	929
Specificity:	CD14
Host:	Mouse
Immunogen:	Monocytes of different species and immunoaffinity purified soluble human CD14
Isotype:	IgG1
Clone:	biG 13
Formulation:	Lyophilized from a solution containing PBS
Reconstitution:	For reconstitution add 100µl water to get concentration of 1 mg/ml in PBS
Applications:	Suitable for immunostaining of CD14 positive cells (flow cytometry) ELISA, CD14 inhibition studies, Western Blot
Storage & Stability:	Long time storage at –20°C or –80°C
Notes:	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

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