

CD14

Mouse Anti-Mouse CD14 Clone biG 57 mAb

Catalog No. CSI17692 **Quantity:** 100 µg

Description: Mouse Anti-Mouse CD14 Clone biG 57 Monoclonal Antibody
Clone biG 57 represents an excellent marker for CD14.

Background: 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.

Specificity: Recombinant soluble mouse CD14

Host: Mouse

Immunogen: CD14 knock out mouse immunized with recombinant mouse CD14

Isotype: IgG1

Formulation: Lyophilized from a solution in PBS without NaN₃ or other stabilizer.

Purification: Protein G purified

Reconstitution: **Centrifuge vial prior to opening.** For reconstitution add 100 µl distilled water to solubilize the antibody to a concentration of 1 mg/ml.

Applications: ELISA
Flow Cytometry

Application Notes: No inhibition of LPS binding to CD14
Binding titer for mouse CD14 transfected CHO-cells: more than 20,000 (ELISA, Flow cytometry)
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at -20°C or -80°C. **Avoid repeated freeze-thaw cycles.**

Important Note: This is a generic data sheet and may be subject to change. Please see the package insert shipped with your product for current data.

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