

CD14

Mouse Anti-Human CD14 Clone biG 4 mAb

Catalog No. CSI17691 **Quantity:** 100 µg

Description: Mouse Anti-Human CD14 Clone biG 4 Monoclonal Antibody
Clone biG 4 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: Human CD14

Host: Mouse

Immunogen: Monocytes of human and different animals and soluble human 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
Immunostaining
Inhibition studies

Application Notes: Suitable for immunostaining of CD14 positive cells, ELISA, and CD14 inhibition studies.
No significant inhibition of LPS-binding to human CD14 transfected CHO cells.
Not useful for Western Blot.

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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