

Monoclonal Anti-human CD14

Product reference: DDX0100

Description

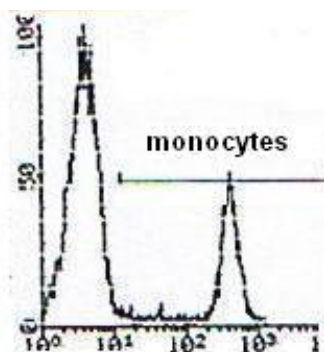
CD14 recognizes a human monocyte/macrophage antigen of 55 kDa. It reacts with blood monocytes and has a weak reactivity on blood granulocytes, and interfollicular macrophages. Different cytokines have an effect on CD14 expression: CD14 expression was studied in dendritic cells generation *in vitro*. After 5 days in GM-CSF + IL4, CD14 disappears while CD1a expression appears. TNF- α skews monocyte differentiation from macrophages to dendritic cells. The antibody MOP9.25 is used for monocyte depletion before dendritic cells sorting. (*Dimitriu-Bona A., et al, J. Immunol., 1983 ; 130: 145-152 ; Banchereau J. et al, Annu. Rev. Immunol., 2000; 18: 767-811; Chomarat P. et al, J. Immunol., 2003; 171: 2262-2269*).

Clone: MOP9.25
Species: mouse
Specificity: human CD14
Immunogen: peripheral blood monocytes (patient with rheumatoid arthritis)
Species cross-reactivity: nd
Isotype: IgG2b, κ
Purification: QMA Hyper D ion exchange chromatography
Formulation/size: **Purified:** 100 μ g in 200 μ l / 50 μ g in 100 μ l Tris-NaCl pH 8
Coupled: 100 μ g in 200 μ l / 50 μ g in 100 μ l PBS 50% glycerol (available on request)

Available formats:

Reference		Format	Application tested
50 μ g	100 μ g		
DDX0100P-50	DDX0100P-100	purified	Flow cytometry, cell depletion, IHC

Applications tested: Flow cytometry



Human PBMC stained with MOP9.25

Usage recommendation: *This monoclonal antibody may be used between 1-5 μ g/ml for flow cytometry and 5-25 μ g/ml for IHC.
 *Optimal dilution should be determined by each laboratory for each application.
 *Coupled antibody: to maintain RT before use.

Aliquot storage conditions: -20°C. **KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only