

Product datasheet for **DDX0100P-100**

CD14 Mouse Monoclonal Antibody [Clone ID: MOP9.25]

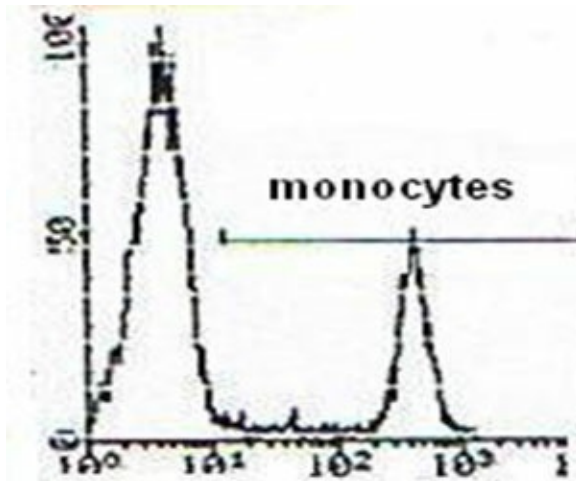
Product data:

Product Type:	Primary Antibodies
Clone Name:	MOP9.25
Applications:	FC, IHC
Recommend Dilution:	Flow cytometry, cell depletion, IHC. Usage recommendation: *This monoclonal antibody may be used between 1-5 µg/ml for flow cytometry and 5-25 µg/ml for IHC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	peripheral blood monocytes (patient with rheumatoid arthritis)
Specificity:	human CD14
Formulation:	State: Purified State: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8
Concentration:	0.5 mg/ml
Purification:	QMA Hyper D ion exchange chromatography
Gene Name:	CD14 molecule
Database Link:	Entrez Gene 929 Human
Background:	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).
Synonyms:	CD14



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Product images:



Human PBMC stained with MOP9.25