

Anti-CD14 Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

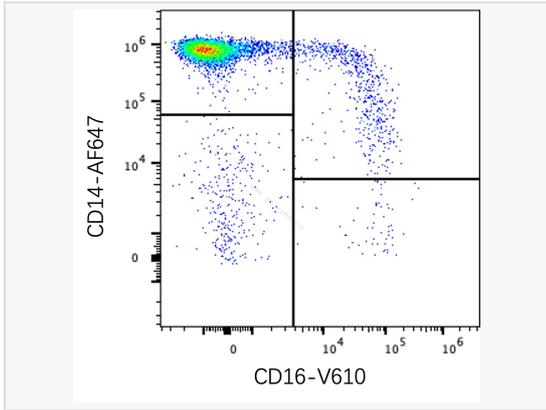
Catalog # M900029

Product Information

Application	ELISA, FC
Reactivity	Human
Dilution	FC 1:100~1:500
Host	Mouse
Clonality	Monoclonal
Clone No.	83F86E77
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human CD14
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD14 Mouse mAb [83F86E77] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD 14, CD_antigen=CD14, CD14, CD14 antigen, CD14 molecule, CD14_HUMAN, LPS-R, Mo2, Monocyte differentiation antigen CD14, Monocyte differentiation antigen CD14 urinary form, Monocyte differentiation antigen CD14, membrane-bound form, Myeloid cell specific leucine rich glycoprotein, Myeloid cell-specific leucine-rich glycoprotein.
Uniprot ID	P08571
Gene ID	929
Background	CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein that is also known as the LPS receptor. CD14 is expressed at high levels on monocytes and macrophages, and at lower levels on granulocytes. Some dendritic cell populations such as interfollicular dendritic cells, reticular dendritic cells, and Langerhans cells have also been reported to express CD14. As a high-affinity receptor for LPS, CD14 is involved in the clearance of gram-negative pathogens and in the upregulation of adhesion molecules and cytokine expression in monocytes and neutrophils.
Cellular Location	Cell membrane.
Tissue Location	Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.



Human peripheral blood monocytes were stained with M900029 conjugated with Fluor 647 and Anti-CD16 Mouse mAb (Cat. No. M900031) with V610.