PerCP Mouse Anti-Human CD14

Purified PerCP-conjugated Recombinant Mouse Monoclonal Antibody

Catalog # F100410

Product Information

Application	FC
Recommended Usage	5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood.
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	83F86E77
Isotype	IgG1, κ
Label	PerCP (Ex/Em: 488/675 ± 5 nm)
Immunogen	Recombinant protein of human CD14
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2℃ and 8℃ and protected from prolonged exposure to light. Do not freeze.
Precautions	PerCP Mouse Anti-Human CD14 [83F86E77] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD14; Monocyte differentiation antigen CD14; My23 antigen; Myeloid cell-specific leucine-rich glycoprotein.
Uniprot ID	P08571
Gene ID	929
Background	The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Aug 2020]
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Secreted; Membrane raft. Golgi apparatus. Note: Secreted forms may arise by cleavage of the GPI anchor.
Tissue Location	Detected on macrophages (at protein level). Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.