

30-1118: Anti-CD14 / LPS-receptor Monoclonal Antibody (Clone:MEM-18)

Clonality :	Monoclonal
Clone Name :	MEM-18
Application :	FACS
Reactivity :	Non-Human Primates
Gene :	CD14
Gene ID :	929
Uniprot ID :	P08571
Format :	Purified
Alternative Name :	CD14
Isotype :	Mouse IgG1
Immunogen Information :	A crude mixture of human urinary proteins precipitated by ammonium sulphate from the urine of a patient suffering from proteinuria.

Description

The antibody MEM-18 reacts with CD14, a 53-55 kDa GPI (glycosylphosphatidylinositol)-linked extracellular membrane glycoprotein expressed on monocytes, macrophages and weakly on granulocytes; also expressed by most tissue macrophages. In human, the epitope recognized by MEM-18 is located between amino acids 57-64.

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Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 4 µg/ml

Immunoprecipitation Western Blotting ELISA The antibody MEM-18 has been tested as the detection antibody in a sandwich ELISA for analysis of human CD14 in combination with antibody B-A8 . **Functional Application** The antibody MEM-18 completely blocks binding of fluorescein (FITC) - labeled bacterial LPS to the monocyte surface and it also blocks the binding of CD14 to the extracellular TLR2 domain.