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Product Datasheet

Anti-Hu CD14 Purified Low Endotoxin, Clone: [MEM-18], Monoclonal EXB-12-212-C100

Article Name	Anti-Hu CD14 Purified Low Endotoxin, Clone: [MEM-18], Monoclonal
Biozol Catalog Number	EXB-12-212-C100
Supplier Catalog Number	12-212-C100
Alternative Catalog Number	EXB-12-212-C100
Manufacturer	EXBIO
Category	Antikörper
Application	ELISA, FA, FC, IP, WB
Species Reactivity	Human, Primate
Immunogen	A crude mixture of human urinary proteins precipitated by ammonium sulphate from the urine of a patient suffering from proteinuria.
Product Description	CD14 is a 55 kDa GPI-anchored glycoprotein, constitutively expressed on the surface of mature monocytes, macrophages, and neutrophils, where it serves as a multifunctional lipopolysaccharide receptor. It is also released to the serum both as a secret...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[MEM-18]
Isotype	Mouse IgG1
Buffer	Phosphate buffered saline (PBS), pH 7.4

Storage	2°C to 8°C
Target	CD14
Antibody Type	Monoclonal Antibody
Application Notes	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 (cat. no. 11-304-C100). 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. Flow cytometry: recommended dilution: 4 µg/ml. Western blotting: Non-reducing conditions.