



	Technical Data Sheet	
Product	Anti-Hu CD14 Purified Low Endotoxin	
Cat. Number/Size	12-212-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD14	
Clone	MEM-18	
Format	Purified Low Endotoxin	
Reactivity	Human, Non-human primates	
Application	FC (QC tested), IP, WB, ELISA, FUNC	
Application details	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.	
Isotype	Mouse IgG1	
Specificity	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.	
Other names	LPS-receptor, LPSR, MCLR	
Workshop	HLDA III: WS Code M 253; HLDA IV: WS Code M 314; HLDA V: WS Code M MA087; HLDA VI: WS Code M MA95	
Immunogen	A crude mixture of human urinary proteins precipitated by ammonium sulphate from the urine of a patient suffering from proteinuria.	
Entrez Gene ID	929	
Gene name	CD14	
NCBI Full Gene Name	CD14 molecule	
UniProt ID	P08571	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.