

Technical Data Sheet

Product

**Anti-Hu CD14 Biotin**

Cat. Number/Size

**1B-212-C025**

**0.025 mg**

**1B-212-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD14
Clone	MEM-18
Format	Biotin
Reactivity	Human, Non-human primates
Application	FC (QC tested), IP, WB, ELISA
Application details	Flow cytometry: recommended dilution: 2-4 µg/ml.
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

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Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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