

Technical Data Sheet

Product

Anti-Hu CD14 Purified

Cat. Number/Size

11-304-C025

0.025 mg

11-304-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD14
Clone	B-A8
Format	Purified
Reactivity	Human
Application	ELISA, IHC(P), FC (QC tested)
Application details	ELISA: The antibody B-A8 has been tested as the capture antibody in a sandwich ELISA for analysis of human CD14 in combination with antibody MEM-18 (cat. no. 1B-212-C100). Flow cytometry: recommended dilution: 1 µg/ml; Immunohistochemistry (paraffin sections): recommended dilution: 2-10 µg/ml, positive tissue: PML brain sections; positive staining on human PML brain sections was mainly observed on monocytes in the luminal side of brain blood vessels, and on some perivascular cells adjacent to medium-sized vessels. Heat retrieval of antigen is recommended.
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody B-A8 reacts with CD14, a 53-55 kDa GPI (glycosylphosphatidylinositol)-linked extracellular membrane glycoprotein expressed on the surface of monocytes, macrophages and weakly on granulocytes; also expressed by most tissue macrophages.
Other names	LPS-receptor, LPSR, MCLR
Immunogen	Human monocytes
Entrez Gene ID	929
Gene name	CD14
NCBI Full Gene Name	CD14 molecule
UniProt ID	P08571

Concentration	1 mg/ml
Preparation	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References www.exbio.cz

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