



	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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