



CD14 Monoclonal Antibody, Purified

Product Code	CSB-MA284527
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA,IF,FC;Recommended dilution:IF:1:100-1:200
Relevance	<p>4AW4 reacts with CD14, a 53-55 kDa molecule. CD14 is a human high affinity cell-surface receptor for complexes of lipopolysaccharide (LPS-endotoxin) and serum LPS-binding protein (LPB). CD14 antigen has a strong presence on the surface of monocytes/macrophages, is weakly expressed on granulocytes, but not expressed by myeloid progenitor cells. CD14 functions as a receptor for endotoxin; when the monocytes become activated they release cytokines such as TNF, and up-regulate cell surface molecules including adhesion molecules. This clone is cross reactive with non-human primate.</p> <ol style="list-style-type: none">1. Knapp, W et al., eds. (1989) Leucocyte Typing IV : White Cell Differentiation Antigens, Oxford University Press, New York.2. Makgoba, MW et al., (1988) Nature 331: 86-883. Boyd. AW et al. (1989) Blood 73: 1896-1903
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	17B5
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.