



# CD14 Monoclonal Antibody, Purified

<b>Product Code</b>	CSB-MA284527
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
<b>Relevance</b>	<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"><li>1. Knapp, W et al., eds. (1989) Leucocyte Typing IV : White Cell Differentiation Antigens, Oxford University Press, New York.</li><li>2. Makgoba, MW et al., (1988) Nature 331: 86-88</li><li>3. Boyd, AW et al. (1989) Blood 73: 1896-1903</li></ol>
<b>Form</b>	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)