



CD14 Monoclonal Antibody, PE Conjugated

Product Code	CSB-MA804053
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> <p>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: 86-88 3. Boyd, AW et al. (1989) Blood 73: 1896-1903</p>
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	4AW4