



CD14 Monoclonal Antibody, FITC Conjugated

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| Product Code | CSB-MA214986 |
| 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 and 0.2% (w/v) BSA |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Product Type | Monoclonal Antibody |
| Immunogen Species | Homo sapiens (Human) |
| Clone No. | 15F8 |
| Usage | For Research Use Only. Not for use in diagnostic or therapeutic procedures. |