

# CD14 Antibody FITC Conjugated

Catalog No: #C01602F

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |  |
|-----------------------|--|
| Product Name          | CD14 Antibody FITC Conjugated  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Purified by Protein A.   |
| Applications          | ICC IF   |
| Species Reactivity    | Hu Ms Rt   |
| Immunogen Description | KLH conjugated synthetic peptide aa 240-270 366 derived from mouse CD14                      |
| Conjugates            | FITC   |
| Target Name           | CD14   |
| Other Names           | Monocyte differentiation antigen CD14; Myeloid cell-specific leucine-rich glycoprotein; CD14 |
| Accession No.         | Swiss-Prot#P10810NCBI Gene ID12475   |
| Uniprot               | P10810   |
| GeneID                | 12475;   |
| Excitation Emission   | 494nm 518nm  |
| Cell Localization     | Extracellular  |
| Concentration         | 1mg ml   |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                             |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.              |

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the MD-2 TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules (By similarity).

Note: This product is for in vitro research use only