

Mouse Anti-Human CD14,FITC Conjugated mAb

Catalog No: #28287



Package Size: #28287-1 25 Tests #28287-2 50 Tests #28287-3 100 Tests

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | Mouse Anti-Human CD14,FITC Conjugated mAb |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Clone No. | 3A8 |
| Isotype | Mouse IgG2a, κ |
| Applications | FC |
| Species Reactivity | Hu |
| Specificity | This antibody recognizes human CD14 in FACS. |
| Immunogen Description | Human peripheral blood mononuclear cells |
| Formulation | Lyophilized from a 0.2 μ m filtered solution in phosphate buffered saline (PBS) and reconstitute with sterile PBS |
| Storage | Store protected from light at 2-8°C. Do not freeze. The expiration date is indicated on the vial label. |

Application Details

Format:Antibodies are supplied in buffer containing stabilizer and 0.05% sodium azide

Preparation:This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with human CD14 Recombinant Protein). The monoclonal antibody was purified from tissue culture supernatant or ascites by protein G affinity chromatography.

Product Notices:This reagent has been pre-diluted for use at the recommended volume per test.

We typically use 1 10⁶ cells in a 100- μ l experimental sample (per test).

An isotype control should be used at the same concentration as the antibody of interest.

Product Description

Cluster of differentiation 14 (CD14) is a member of the CD system. It takes its name from its inclusion in the CD molecule surface marker proteins.CD14 exists in two forms: a form anchored into the membrane or a soluble form. CD14 was found expressed in macrophages, neutrophil granulocyte and dendritic cells. CD14 acts as a co-receptor (along with the Toll-like receptor TLR 4 and MD-2) for the detection of bacterial lipopolysaccharide (LPS).CD14 can bind LPS only in the presence of lipopolysaccharide-binding protein (LBP). Although LPS is considered its main ligand, CD14 also recognizes other pathogen-associated molecular patterns such as lipoteichoic acid.

Note: This product is for in vitro research use only