

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD14 Monoclonal  
Antibody(PerCP/Cyanine5.5 Conjugated)

**Catalog:** DL22219F

**Synonyms:** Monocyte differentiation antigen  
CD14, CD14, Myeloid cell-specific leucine-rich  
glycoprotein

**Background:** CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein also known as LPS receptor. CD14 is expressed at high levels on monocytes and macrophages, and at lower levels on granulocytes. Some dendritic cell populations such as interfollicular dendritic cells, reticular dendritic cells, and Langerhans cells have also been reported to express CD14. As a high-affinity receptor for LPS, CD14 is involved in the clearance of gram-negative

pathogens, and in the upregulation of adhesion molecules and expression of cytokines in monocytes and neutrophils.

**Form:** Liquid

**Isotype:** Mouse IgG2a,  $\kappa$

**Size:**

20Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** PerCP/Cyanine5.5

**SwissProt:** P08571

**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Storage:**

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.