

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD14 Monoclonal Antibody(AF488  
Conjugated)

**Catalog:** DL21937F

**Synonyms:** CD 14, Myeloid cell-specific leucine-rich  
glycoprotein, Monocyte differentiation antigen CD14

**Background:** CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein also known as LPS receptor. CD14 is expressed on macrophages, dendritic cells, Kupffer cells, hepatocytes, and granulocytes. As a high-affinity receptor for LPS-LBP (LPS-binding protein) complex, CD14, in association with Toll-like Receptor 4 (TLR4) or 2 (TLR2), is involved in the clearance of gram-negative pathogens.

**Form:** Liquid

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

**Size:**

50Tests/100Tests/100Tests $\times$ 2

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

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

**Conjugation:** AF488

**SwissProt:** P10810

**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.