

**Antibody Data**

|                      |                 |               |               |
|----------------------|-----------------|---------------|---------------|
| <b>Product SKU:</b>  | <b>AGEL1868</b> | <b>Clone:</b> | <b>Sa14-2</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |               |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |               |

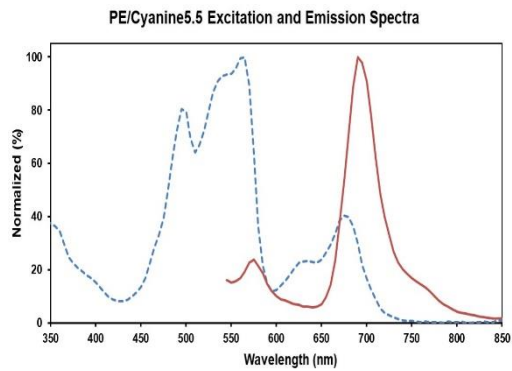
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** CD 14; Myeloid cell-specific leucine-rich glycoprotein; Monocyte differentiation antigen CD14;  
**Uniprot ID:** P10810  
**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  
**Conjugation:** PE/Cyanine 5.5  
**Size:** 50 Tests, 100 Tests, 200 Tests  
**Host Species:** Rat  
**Isotype:** Rat IgG2a, κ



Ex:495;565;675 nm; Em:690 nm

**Isotype Control:** PE/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product AGEL1868]  
**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  
**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** 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.