

PE Rabbit anti-Mouse CD14 mAb

Catalog NO.: A26053

Basic Information

Observed MW

Refer to figures

Calculated MW

39kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

PE, Ex:565nm, Em:574nm.

Clone number

ARC66543

Background

This gene encodes a protein that plays an important role in the innate immune response and is expressed in monocyte/macrophage cells. This gene product acts as a co-receptor that binds several microbial and fungal molecules, including lipopolysaccharides (LPS). This proteins LPS-binding activity is enhanced by the LPS binding protein (LBP) to allow binding to the TLR4-MD-2 co-receptor complex. The product of this gene is found in two forms, either as a soluble protein or attached to the cell surface by a glycosylphosphatidylinositol anchor.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

12475

Swiss Prot

P10810

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

CD14

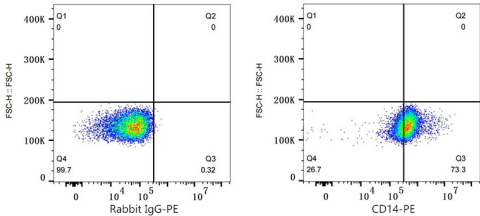
Contact

Product Information

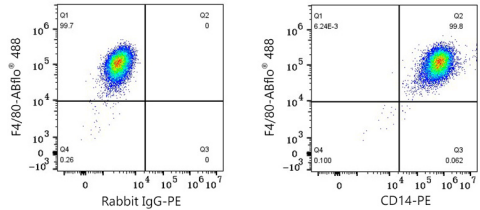
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage Store at 2-8°C. Avoid freeze. Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ RAW 264.7 cells were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD14 mAb (A26053,5 µl/Test,right).



Flow cytometry:1X10⁶ C57BL/6 Mouse Bone Marrow-Derived M0 Macrophages were surface-stained with ABflo® 488 Rat anti-Mouse F4/80 mAb (A27479,5 µl/Test) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD14 mAb (A26053,5 µl/Test,right).

