Leader in Biomolecular Solutions for Life Science

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PE Rabbit anti-Mouse CD14 mAb

Catalog No.: A29222

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC66543

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

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	≤0.5 μg per million 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

400-999-6126

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Product Information

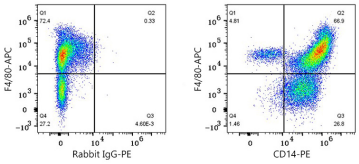
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 Thioglycolate-elicited C57BL/6 mouse peritoneal macrophages were surface-stained with ABflo® 488 Rabbit anti-Mouse CD3e mAb(A28704,0.5 µg), ABflo® 450 Rabbit anti-Mouse CD11b mAb (A26229,5 µl/Test), APC Rabbit anti-Mouse F4/80 mAb (A28171,0.25 µg) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD14 mAb (A29222,0.5 µg,right). Cells in the CD3e-CD11b+ gate were used for analysis.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.