

A29222

Leader in Biomolecular Solutions for Life Science



PE Rabbit anti-Mouse CD14 mAb

Catalog No.: A29222

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC

Cross-Reactivity

Mouse

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 $\leq 0.5 \mu\text{g}$ 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

 www.abclonal.com

Product Information

Source
Rabbit

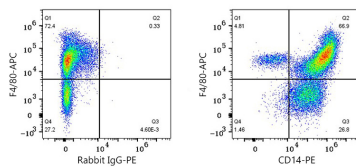
Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1X10⁶
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.