ABflo® 647 Rabbit anti-Mouse CD14 mAb

Catalog NO.: A25191

Basic Information

Observed MW
Refer to figures

Calculated MW
39kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
ABflo® 647. Ex:648nm. Em:664nm.

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 10^6 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

order@abclonal.com
service@abclonal.com
www.abclonal.com

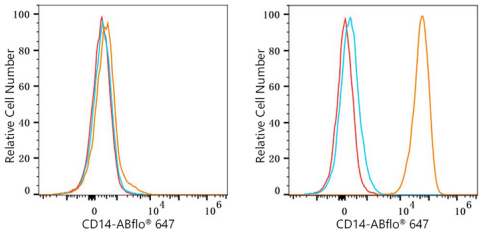
Source
Rabbit

Isotype
IgG

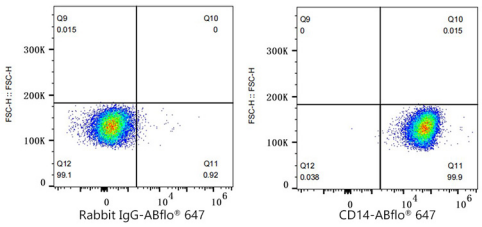
Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

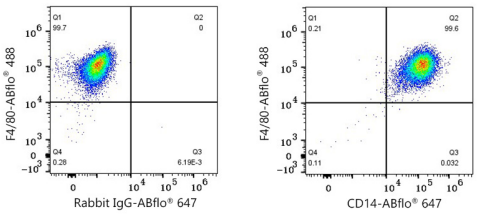
Validation Data



Flow cytometry: 1X10^6 Neuro-2a cells (negative control,left) and RAW 264.7 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD14 mAb (A25191,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 RAW 264.7 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Mouse CD14 mAb (A25191,5 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 ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Mouse CD14 mAb (A25191,5 µl/Test,right).