

ABflo® 647 Rabbit anti-Mouse CD204 mAb

Catalog No.: A27279

Basic Information

Observed MW

Calculated MW

50kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC71847

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables amyloid-beta binding activity; cargo receptor activity; and low-density lipoprotein particle binding activity. Involved in several processes, including endocytosis; positive regulation of cholesterol storage; and positive regulation of macrophage derived foam cell differentiation. Acts upstream of or within establishment of localization in cell and lipoprotein transport. Located in plasma membrane. Is expressed in several structures, including alimentary system; early conceptus; limb; neural tube; and reproductive system. Human ortholog(s) of this gene implicated in Barrett's esophagus; arteriosclerosis; and prostate cancer. Orthologous to human MSR1 (macrophage scavenger receptor 1).

Immunogen Information

Gene ID

20288

Swiss Prot

P30204

Immunogen

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

Synonyms

MSR; SR-A; Scvr; MRS-A; MSR-A; SR-AI; SR-AII; Scara1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

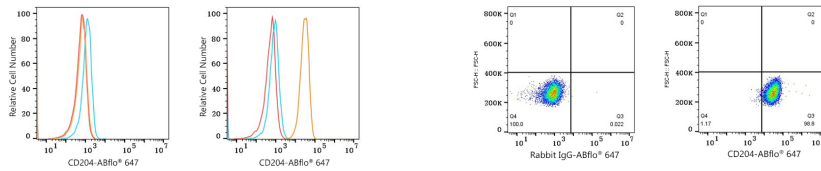
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Neuro-2a cells (negative control, left) and RAW 264.7 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD204 mAb (A27279, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 RAW 264.7 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD204 mAb (A27279, 5 μ l/Test, right).