

APC Rabbit anti-Mouse CD16 mAb

Catalog No.: A28837

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC80268

Conjugate

APC. Ex:650nm. Em:660nm.

Background

CD16 is also known as Fcgr3 and is a 50-65 kd type I transmembrane protein. It is a member of the Fcγ receptor family and the Ig superfamily. CD16 is expressed on most myeloid cells, including monocytes, macrophages, and dendritic cells. NK cells and NKT cells also express CD16. CD16 is involved in cell activation, phagocytosis, and antibody-dependent cell-mediated cytotoxicity (ADCC); its ligands are IgG1, IgG2a, and IgG2b.

Recommended Dilutions

FC ≤0.5 μg per million cells
in 100 μl volume

Immunogen Information

Gene ID

14131

Swiss Prot

A0A0B4J1M6

Immunogen

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

Synonyms

CD16

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

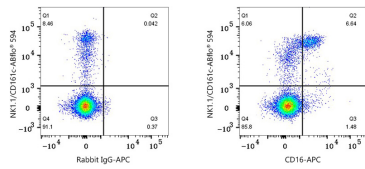
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 594 Rabbit anti-Mouse NK1.1/CD161c mAb (A24923, 5 µl/Test) and APC Rabbit IgG isotype control (A24173, 5 µl/Test, left) or APC Rabbit anti-Mouse CD16 mAb (A28837, 0.5 µg, right).