

APC Rabbit anti-Rat CD161 mAb

Catalog No.: A28881

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Rat

CloneNo number

ARC82298

Conjugate

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

Background

CD161 is a 30 kDa type II transmembrane C-type lectin that is expressed as a homodimer. The NKR-P1 receptor in rats is mainly expressed on NK cells, T cell subsets, dendritic cells and activated monocytes. There are three different types of NKR-P in rats, namely NKR-P1a, NKR-P1b and NKR-P1c. NKR-P1a does not contain an ITIM structure and is an activating receptor, while NKR-P1b contains an ITIM and has an inhibitory function. LLT-1 (ligand lectin like transcript 1) is the ligand, while KLR (killer cell lectin like) acts as the receptor.

Recommended Dilutions

FC ≤0.5 µg per million cells
in 100 µl volume

Immunogen Information

Gene ID

362443

Swiss Prot

P27471

Immunogen

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

Synonyms

NKR-P1A; Nkrp1a

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

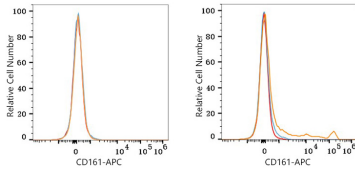
Affinity purification

Storage

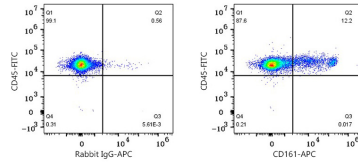
Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 PC-12 cells (negative control, left) and Rat splenocytes (right) were surface-stained with APC Rabbit anti-Rat CD161 mAb (A28881, 0.5 μ g, orange line) or APC Rabbit IgG isotype control (A24173, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Rat splenocytes were surface-stained with FITC Rabbit anti-Rat CD45 mAb (A28531, 0.5 μ g) and APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Rat CD161 mAb (A28881, 0.5 μ g, right).