

APC Rabbit anti-Mouse/Rat CD71 mAb

Catalog No.: A27829

Basic Information

Observed MW

Calculated MW

86kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC69065

Conjugate

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

Background

This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis.

Recommended Dilutions

FC ≤0.5 µg per million cells
 in 100 µl volume

Immunogen Information

Gene ID

22042

Swiss Prot

Q62351

Immunogen

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

Synonyms

TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1; 2610028K12Rik; E430033M20Rik

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

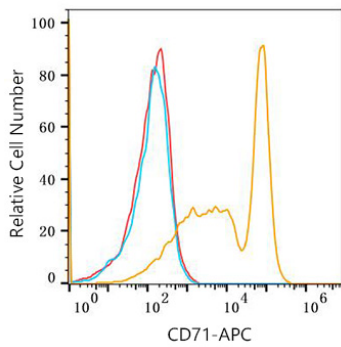
Affinity purification

Storage

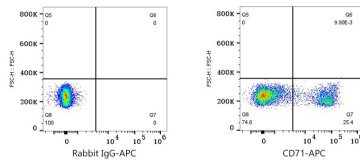
Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse bone marrow cells were surface-stained with APC Rabbit anti-Mouse CD71 mAb (A27829, 0.5 µg, orange line) or APC Rabbit IgG isotype control (A24173, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the total viable cells were used for analysis.



Flow cytometry: 1X10⁶ Rat bone marrow cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5 µl/Test, left) or APC Rabbit anti-Mouse CD71 mAb (A27829, 0.5 µg, right). Cells in the total viable cells were used for analysis.