

ABflo® 488 anti-Mouse CD80/B7-1 mAb

Catalog No.: A26801

Basic Information

Observed MW

Calculated MW

34kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ACC0012

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Predicted to enable coreceptor activity. Acts upstream of or within T cell costimulation; cellular response to lipopolysaccharide; and positive regulation of alpha-beta T cell proliferation. Located in external side of plasma membrane. Is expressed in heart ventricle and skin. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus. Orthologous to human CD80 (CD80 molecule).

Immunogen Information

Gene ID

12519

Swiss Prot

Q00609

Immunogen

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

Synonyms

B71; Ly53; TSA1; Cd28l; Ly-53; MIC17

Contact

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 | www.abclonal.com.cn

Product Information

Source

Armenian Hamster

Isotype

IgG

Purification

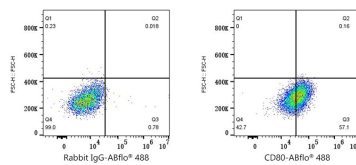
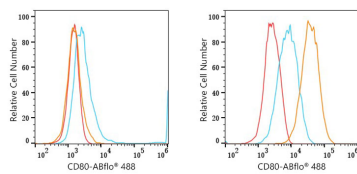
Affinity purification

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 P815 cells (negative control, left) and C2C12 cells (right) were surface-stained with ABflo® 488 anti-Mouse CD80 mAb (A26801, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 C2C12 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 anti-Mouse CD80 mAb (A26801, 5 μ l/Test, right).