

ABflo® 488 Rabbit anti-Human CD80/B7-1 mAb

Catalog No.: A23729

Basic Information

Observed MW

Calculated MW

18kDa/29kDa/33kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC61136-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.

Immunogen Information

Gene ID

941

Swiss Prot

P33681

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 35-242 of human CD80/B7-1 (NP_005182.1).

Synonyms

CD80; B7; B7-1; B7.1; BB1; CD28LG; CD28LG1; LAB7; CD80 molecule

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

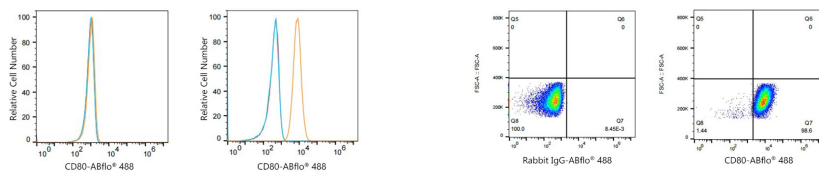
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ 293F cells (negative control, left) and Raji cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD80/B7-1 mAb (A23729, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ Raji cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Human CD80/B7-1 mAb (A23729, 5 µl/Test, right).