

# 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

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## 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.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

### Gene ID

941

### Swiss Prot

P33681

### Immunogen

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

### 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

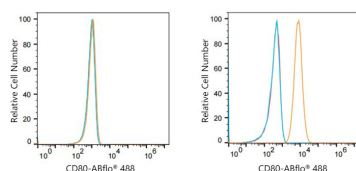
Affinity purification

### Storage

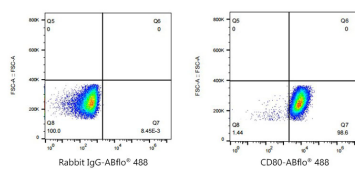
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

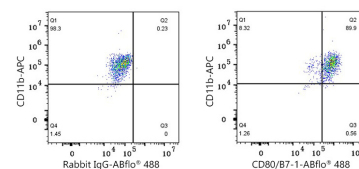
## Validation Data



Flow cytometry:  $1 \times 10^6$  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:  $1 \times 10^6$  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).



Flow cytometry:  $1 \times 10^6$  Human peripheral blood monocytes (treated with 20 ng/mL M-CSF for 7 days and then with 50 ng/mL IFN-γ and 100 ng/mL LPS for 3 days) were surface-stained with APC Mouse anti-Human CD11b mAb (A27195,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test, left) or ABflo® 488 Rabbit anti-Human CD80/B7-1 mAb mAb (A23729,5 µl/Test, right).