

# ABflo® 610 Rabbit anti-Human CD80/B7-1 mAb

Catalog No.: A26573

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

18kDa/29kDa/33kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC61136-ABflo610

### Conjugate

ABflo® 610. Ex:421nm. Em:612nm.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> 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

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

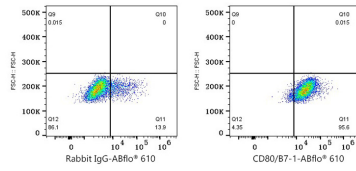
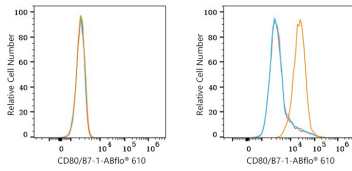
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  293F cells (negative control, left) and Raji cells (right) were surface-stained with ABflo® 610 Rabbit anti-Human CD80/B7-1 mAb (A26573, 5  $\mu$ l/Test, orange line) or ABflo® 610 Rabbit IgG isotype control (A25826, 5  $\mu$ l/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® 610 Rabbit IgG isotype control (A25826, 5  $\mu$ l/Test, left) or ABflo® 610 Rabbit anti-Human CD80/B7-1 mAb (A26573, 5  $\mu$ l/Test, right).