

PE Rabbit anti-Human CD80/B7-1 mAb

Catalog No.: A27778

Basic Information

Observed MW

Calculated MW
33kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC61136

Conjugate
PE. Ex:565nm. Em:574nm.

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 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID	Swiss Prot
941	P33681

Immunogen

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

Synonyms

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

Contact

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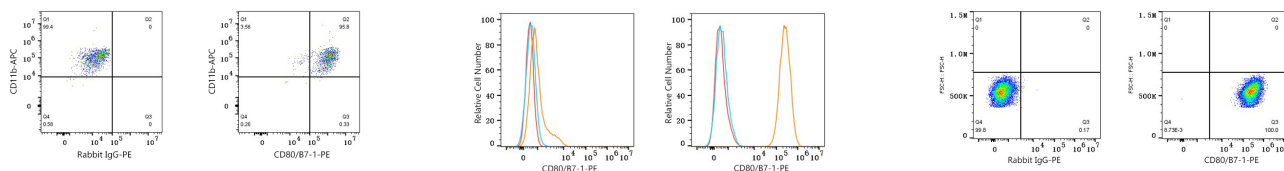
Product Information

Source	Isotype	Purification
Rabbit	IgG	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 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 (A27195, 5 μ l/Test) and PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Human CD80/B7-1 mAb (A27778, 5 μ l/Test, right).

Flow cytometry: 1×10^6 Raji cells (negative control, left) and 293F cells (right) were surface-stained with PE Rabbit anti-Human CD80/B7-1 mAb (A27778, 5 μ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 293F cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Human CD80/B7-1 mAb (A27778, 5 μ l/Test, right).