

ABflo® 594 Rabbit anti-Human CD80/B7-1 mAb

Catalog NO.: A23731

Basic Information

Observed MW

Calculated MW

18kDa/29kDa/33kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 594. Ex:588nm. Em:604nm.

Clone number

ARC61136

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

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

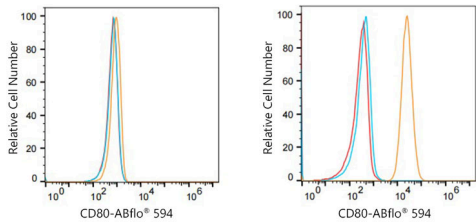
Contact

Product Information

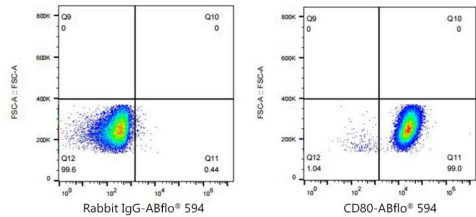
☒		order@abclonal.com
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

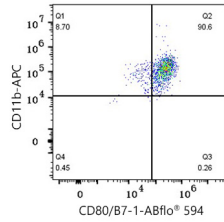
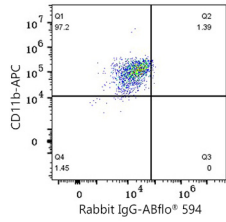
Validation Data



Flow cytometry: 1X10^6 293F cells (negative control,left) and Raji cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human CD80/B7-1 mAb (A23731,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10^6 Raji cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD80/B7-1 mAb (A23731,5 µl/Test,right).



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 ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Human CD80/B7-1 mAb (A23731, 5 μ l/Test, right).