

CD80 Rabbit mAb

Catalog No.: A25138 **Recombinant**

Basic Information

Observed MW

50-75kDa

Calculated MW

18kDa/29kDa/33kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human

CloneNo 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

WB	1:1000 - 1:5000
FC	1:500 - 1:1000

Immunogen Information

Gene ID

941

Swiss Prot

P33681

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 35-242 of human CD80 (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

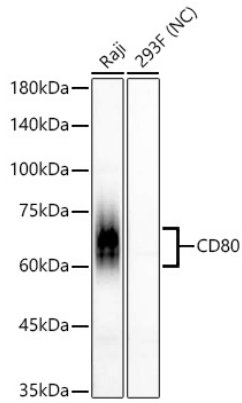
Affinity purification

Storage

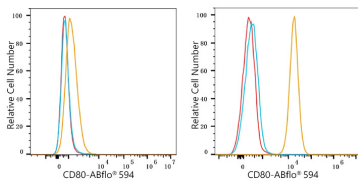
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

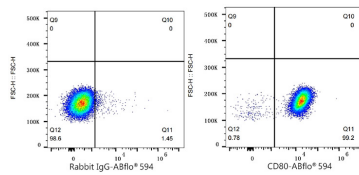
Validation Data



Western blot analysis of various lysates using CD80 Rabbit mAb (A25138) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Negative control (NC): 293F.
 Exposure time: 90s.



Flow cytometry: 1×10^6 293F cells (negative control, left) and Raji cells (right) were surface-stained with CD80 Rabbit mAb (A25138, 2 µg/mL, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 µg/mL, blue line), followed by ABflo® 594-conjugated Goat Anti-Rabbit IgG (H+L) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Raji cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 µg/mL, left) or CD80 Rabbit mAb (A25138, 2 µg/mL, right).