

ABflo® 488 Rabbit anti-Mouse CD137 mAb

Catalog No.: A29168

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC69317

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

Enables signaling receptor activity. Acts upstream of or within regulation of immature T cell proliferation in thymus. Predicted to be located in external side of plasma membrane. Is expressed in renal vasculature. Human ortholog(s) of this gene implicated in immunodeficiency 109. Orthologous to human TNFRSF9 (TNF receptor superfamily member 9).

Recommended Dilutions

FC ≤0.25 µg per million cells in
100 µl volume

Immunogen Information

Gene ID

21942

Swiss Prot

P20334

Immunogen

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

Synonyms

4-1BB; A930040I11Rik; CDw137; Cd137; ILA; Ly63

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

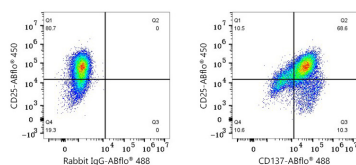
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes (treated with 2 µg/mL Mouse T Cell Activation Kit (Anti-CD3/CD28)(RK40101) for 3 days) were surface-stained with PerCP Rabbit anti-Mouse CD3e mAb (A29000, 0.25 µg), ABflo® 450 Rabbit anti-Mouse CD25 mAb (A27354, 5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Mouse CD137 mAb (A29168, 0.25 µg, right). Cells in the CD3+ gate were used for analysis.