

ABflo® 647 Rabbit anti-Mouse CD97 mAb

Catalog No.: A23822

Basic Information

Observed MW

Calculated MW
90KDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC62048

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Background

Predicted to enable G protein-coupled receptor activity and chondroitin sulfate binding activity. Acts upstream of or within positive regulation of synapse assembly. Located in external side of plasma membrane. Is expressed in several structures, including central nervous system; eye; genitourinary system; gut; and immune system. Human ortholog(s) of this gene implicated in vibratory urticaria. Orthologous to several human genes including ADGRE5 (adhesion G protein-coupled receptor E5).

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID 26364	Swiss Prot Q9Z0M6
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Immunogen

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

Synonyms

Cd97; TM7LN1

Contact

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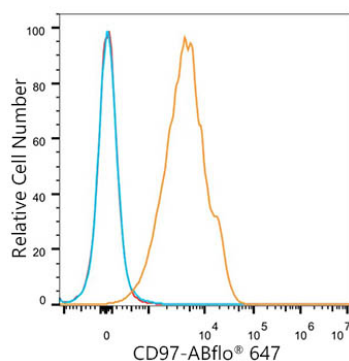
Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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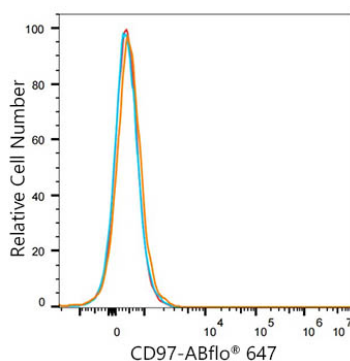
Storage

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.

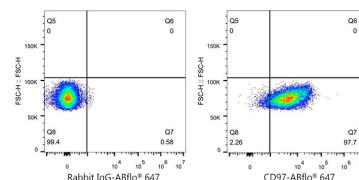
Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD97 mAb (A23822, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained C57BL/6 mouse Splenocytes cells were used as blank control (red line).



Flow cytometry: 1×10^6 NTERA-2 cells (negative control) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD97 mAb (A23822, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained NTERA-2 cells were used as blank control (red line).



Flow cytometry: 1×10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD97 mAb (A23822, 5 μ l/Test, right).