

ABflo® 700 Rabbit anti-Human CD97 mAb

Catalog No.: A26362

Basic Information

Observed MW

Refer to figures

Calculated MW

81kDa/86kDa/92kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC55825-ABflo700

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes a member of the EGF-TM7 subfamily of adhesion G protein-coupled receptors, which mediate cell-cell interactions. These proteins are cleaved by self-catalytic proteolysis into a large extracellular subunit and seven-span transmembrane subunit, which associate at the cell surface as a receptor complex. The encoded protein may play a role in cell adhesion as well as leukocyte recruitment, activation and migration, and contains multiple extracellular EGF-like repeats which mediate binding to chondroitin sulfate and the cell surface complement regulatory protein CD55. Expression of this gene may play a role in the progression of several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms with 3 to 5 EGF-like repeats have been observed for this gene. This gene is found in a cluster with other EGF-TM7 genes on the short arm of chromosome 19.

Immunogen Information

Gene ID

976

Swiss Prot

P48960

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-398 of human CD97 (NP_510966.1).

Synonyms

CD97; TM7LN1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

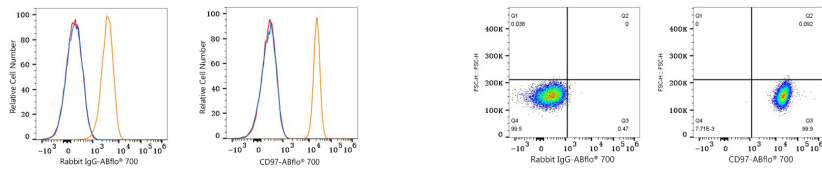
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 MOLT-4 cells (Low Expression, left) and U-937 cells (right) were surface-stained with ABflo® 700 Rabbit anti-Human CD97 mAb (A26362, 5 μ l/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (A25976, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 U-937 cells were surface-stained with ABflo® 700 Rabbit IgG isotype control (5 μ l/Test, left) or ABflo® 700 Rabbit anti-Human CD97 mAb (A26362, 5 μ l/Test, right).