

ABflo® 647 Rabbit anti-Human CD141/Thrombomodulin mAb

Catalog No.: A22155

Basic Information

Observed MW

Calculated MW

60kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC52599-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

The protein encoded by this intronless gene is an endothelial-specific type I membrane receptor that binds thrombin. This binding results in the activation of protein C, which degrades clotting factors Va and VIIIa and reduces the amount of thrombin generated. Mutations in this gene are a cause of thromboembolic disease, also known as inherited thrombophilia.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Immunogen Information

Gene ID

7056

Swiss Prot

P07204

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-515 of human CD141/Thrombomodulin (NP_000352.1).

Synonyms

TM; THRM; AHUS6; BDCA3; CD141; BDCA-3; THPH12

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

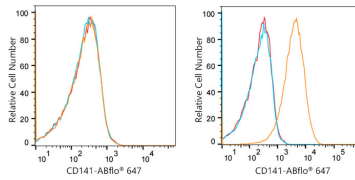
Affinity purification

Storage

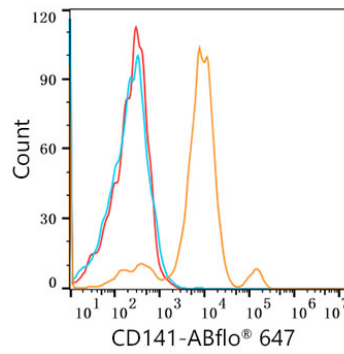
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and THP-1 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD141/Thrombomodulin mAb (A22155, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 647 Rabbit anti-Human CD141/Thrombomodulin mAb (A22155, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained Human PBMC was used as blank control (red line).