

# ABflo® 488 Rabbit anti-Human CD141/Thrombomodulin mAb

Catalog No.: A22154

## Basic Information

### Observed MW

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC52599

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## 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 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

### Gene ID

7056

### Swiss Prot

P07204

### Immunogen

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

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

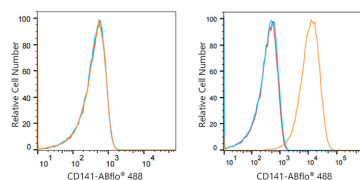
Affinity purification

### Storage

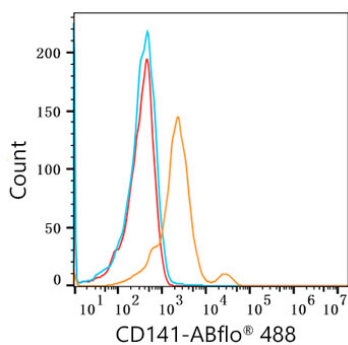
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry: 1X10<sup>6</sup> Jurkat cells (negative control, left) and THP-1 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD141/Thrombomodulin mAb (A22154, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human CD141/Thrombomodulin mAb (A22154, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained Human PBMC was used as blank control (red line).