A24408

Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human Podoplanin mAb

Catalog No.: A24408

Basic Information

Observed MW

Calculated MW
12kDa/16kDa/18kDa/24kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC63004-ABflo488

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
10630

Swiss Prot
Q86YL7

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 21-123 of Human Podoplanin(NM_006474.5).

Synonyms
PDPN; AGGRUS; GP36; GP40; Gp38; HT1A-1; OTS8; PA2.26; T1A; T1A-2; T1A2; TI1A; podoplanin

Contact

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Product Information

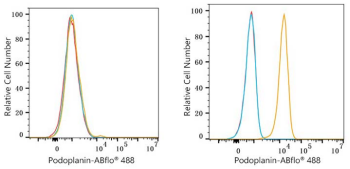
Source
Rabbit

Isotype
IgG

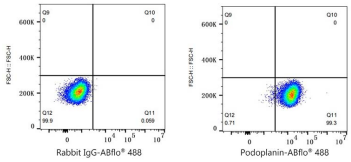
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry:1X10^6 knockout (KO) 293T cells (negative control,Left) and 293T (right) cells were surface-stained with ABflo® 488 Rabbit anti-Human Podoplanin mAb(A24408,5 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:1X10^6 293T cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human Podoplanin mAb(A24408,5 µl/Test,right).