

# APC Rabbit anti-Human Podoplanin mAb

Catalog No.: A26771

## Basic Information

### Observed MW

### Calculated MW

17kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC63004-APC

### Conjugate

APC. Ex:650nm. Em:660nm.

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## 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.

## Immunogen Information

### Gene ID

10630

### Swiss Prot

Q86YL7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-123 of Human Podoplanin (NP\_006465.4).

### Synonyms

T1A; GP36; GP40; Gp38; OTS8; T1A2; T11A; D2-40; T1A-2; AGGRUS; HT1A-1; PA2.26

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

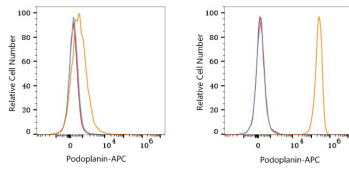
Affinity purification

### Storage

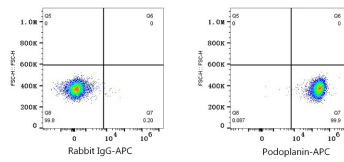
Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  knockout (KO) 293T cells (negative control, left) and 293T (right) cells were surface-stained with APC Rabbit anti-Human Podoplanin mAb (A26771, 5  $\mu\text{l}/\text{Test}$ , orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu\text{l}/\text{Test}$ , blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  293T cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu\text{l}/\text{Test}$ , left) or APC Rabbit anti-Human Podoplanin mAb (A26771, 5  $\mu\text{l}/\text{Test}$ , right).