

A27941

Leader in Biomolecular Solutions for Life Science



# APC Rabbit anti-Mouse Podoplanin mAb

Catalog No.: A27941

## Basic Information

### Observed MW

### Calculated MW

18kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugate

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

## Background

Predicted to enable chaperone binding activity; chemokine binding activity; and signaling receptor binding activity. Involved in several processes, including lymph node development; lymphatic endothelial cell fate commitment; and positive regulation of platelet aggregation. Acts upstream of or within several processes, including lung alveolus development; lymphangiogenesis; and prostaglandin metabolic process. Located in several cellular components, including external side of plasma membrane; lamellipodium; and ruffle. Is expressed in several structures, including alimentary system; cardiovascular system; central nervous system; hemolymphoid system; and reproductive system. Orthologous to human PDPN (podoplanin).

## Recommended Dilutions

FC  $\leq 0.5 \mu\text{g}$  per million cells  
in 100  $\mu\text{l}$  volume

## Immunogen Information

### Gene ID

14726

### Swiss Prot

Q62011

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-133 of mouse Podoplanin (NP\_034359.2).

### Synonyms

E11; T1a; Gp38; OTS-8; T1alpha; RANDAM-2; T1-alpha

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

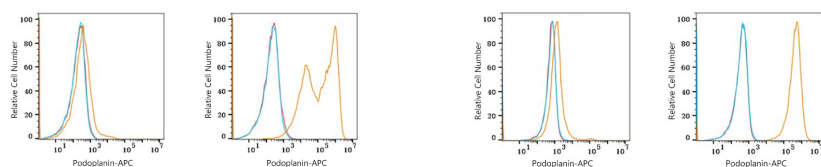
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry: 1X10<sup>6</sup> 293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with APC Rabbit anti-Mouse Podoplanin mAb (A27941, 0.5 µg, orange line) or APC Rabbit IgG isotype control (A24173, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> Neuro-2a cells (negative control, left) and C2C12 cells (right) were surface-stained with APC Rabbit anti-Mouse Podoplanin mAb (A27941, 0.5 µg, orange line) or APC Rabbit IgG isotype control (A24173, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).