

PE/Cyanine7 Rabbit anti-Mouse/Rat CD31/PECAM1 mAb

Catalog No.: A27361

Basic Information

Observed MW**Calculated MW**

81kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC61018

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Background

Predicted to enable protein homodimerization activity; protein phosphatase binding activity; and transmembrane signaling receptor activity. Acts upstream of or within several processes, including Rho protein signal transduction; endothelial cell morphogenesis; and positive regulation of tyrosine phosphorylation of STAT protein. Located in several cellular components, including cell-cell contact zone; external side of plasma membrane; and smooth muscle contractile fiber. Is expressed in several structures, including alimentary system; cardiovascular system; central nervous system; extraembryonic component; and genitourinary system. Human ortholog(s) of this gene implicated in coronary artery disease (multiple); lung non-small cell carcinoma; neuroblastoma; and psoriatic arthritis. Orthologous to human PECAM1 (platelet and endothelial cell adhesion molecule 1).

Recommended Dilutions

FC ≤0.25 µg per million cells in
100 µl volume

Immunogen Information

Gene ID

18613

Swiss Prot

Q08481

Immunogen

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

Synonyms

Cd31; Pecam; PECAM-1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

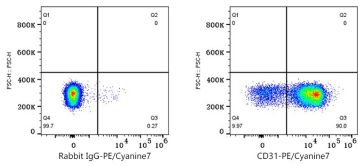
Affinity purification

Storage

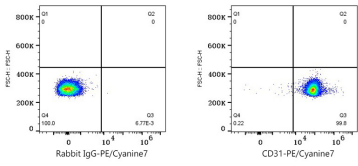
Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ Rat splenocytes were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Mouse CD31 mAb (A27361,0.25 µg,right).



Flow cytometry: 1X10⁶ BALB/c mouse splenocytes were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Mouse CD31 mAb (A27361,0.25 µg,right).