

# ABflo® 488 Rabbit anti-Rat CD31/PECAM1 mAb

Catalog No.: A25152    **1 Publications**

## Basic Information

### Observed MW

### Calculated MW

76kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Rat

### Clone/No. number

ARC64727

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

Enables protein phosphatase binding activity. Involved in several processes, including cellular response to interferon-gamma; negative regulation of GTPase activity; and negative regulation of actin filament polymerization. Located in cell surface and ruffle. Used to study pulmonary hypertension. Biomarker of bacterial pneumonia; orchitis; and osteoarthritis. 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**                    5 µl per 10<sup>6</sup> cells in 100 µl volume

## Immunogen Information

**Gene ID**  
29583

**Swiss Prot**  
Q3SWT0

### Immunogen

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

### Synonyms

CD31; Pecam; CD31/PECAM1

## Contact

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	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

**Source**  
Rabbit

**Isotype**  
IgG

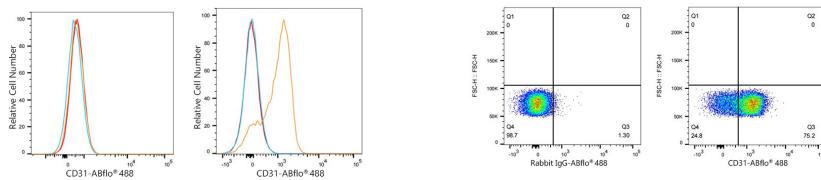
**Purification**  
Affinity purification

### 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> PC-12 cells (negative control, left) and Rat Splenocytes (right) were surface-stained with ABflo® 488 Rabbit anti-Rat CD31 mAb (A25152,5 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> Rat Splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test, left) or ABflo® 488 Rabbit anti-Rat CD31 mAb (A25152,5 µl/Test, right).