

# PE/Cyanine7 Rabbit anti-Mouse CD48 mAb

Catalog No.: A27310

## Basic Information

### Observed MW

**Calculated MW**  
27kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Mouse

**CloneNo number**  
ARC67324

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

## Background

Predicted to enable antigen binding activity and signaling receptor activity. Acts upstream of or within T cell activation and signal transduction. Located in external side of plasma membrane. Is expressed in left lung; liver; right lung; and thymus primordium. Orthologous to human CD48 (CD48 molecule).

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

| Gene ID | Swiss Prot |
|---------|------------|
| 12506   | P18181     |

### Immunogen

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

### Synonyms

BCM1; BLAST; Bcm-1; BLAST1; SLAMF2; Sgp-60; BLAST-1; MEM-102

## Contact

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

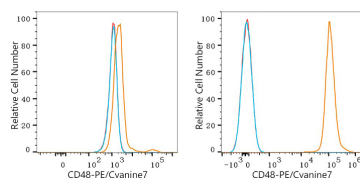
## Product Information

| Source | Isotype | Purification          |
|--------|---------|-----------------------|
| Rabbit | IgG     | Affinity purification |

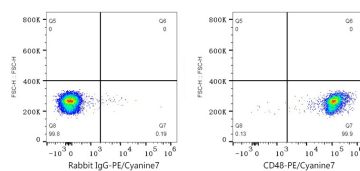
### Storage

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> NIH/3T3 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with PE/Cyanine7 Rabbit anti-Mouse CD48 mAb (A27310, 5 µl/Test, orange line) or PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test, left) or PE/Cyanine7 Rabbit anti-Mouse CD48 mAb (A27310, 5 µl/Test, right).