

# PE/Cyanine7 Rabbit anti-Mouse CD223/LAG-3 mAb

Catalog NO.: A28466

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

57 kDa

### Category

Monoclonal Antibodies

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugation

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

### Clone number

ARC77410

## Background

Enables MHC class II protein binding activity and transmembrane signaling receptor activity. Involved in negative regulation of regulatory T cell differentiation; plasmacytoid dendritic cell activation; and regulation of immune response. Acts upstream of or within cell surface receptor signaling pathway; negative regulation of interleukin-2 production; and positive regulation of natural killer cell mediated cytotoxicity. Located in external side of plasma membrane and extracellular region. Orthologous to human LAG3 (lymphocyte activating 3).

## Recommended Dilutions

**FC**    ≤0.25 µg per million cells in 100 µl volume

## Immunogen Information

### Gene ID

16768

### Swiss Prot

Q61790

### Immunogen

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

### Synonyms

Ly66; CD223; LAG-3

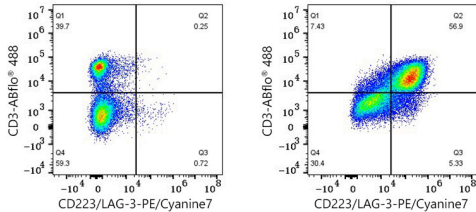
## Contact

## Product Information

|   |  |                      |
|---|--|----------------------|
| ☒ |  | order@abclonal.com   |
| ☒ |  | service@abclonal.com |
| ☒ |  | www.abclonal.com     |

| 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: 1X10^6 C57BL/6 mouse splenocytes (untreated,left) and C57BL/6 mouse splenocytes treated with 2ug/ml Mouse T Cell Activation Kit (Anti-CD3/CD28) for 3days (right) were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161,5 µl/Test) and PE/Cyanine7 Rabbit anti-Mouse CD223/LAG-3 mAb (A28466,0.25 µg).

