

# ABflo® 647 Rabbit anti-Mouse CD223/LAG-3 mAb

Catalog No.: A28268

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

57 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC77410

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

FC ≤0.25 µg per million cells  
in 100 µl volume

## 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).

## 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

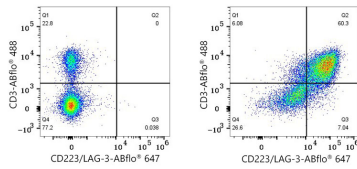
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes (untreated, left) and C57BL/6 mouse splenocytes treated with 2  $\mu\text{g}/\text{ml}$  Mouse T Cell Activation Kit (Anti-CD3/CD28) for 3 days (right) were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161, 5  $\mu\text{l}/\text{Test}$ ) and ABflo® 647 Rabbit anti-Mouse CD223/LAG-3 mAb (A28268, 0.25  $\mu\text{g}$ ).