

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

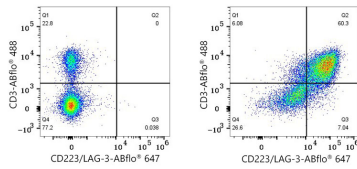
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 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 μg).