

ABflo® 700 Rabbit anti-Human CD89 mAb

Catalog No.: A26637

Basic Information

Observed MW

Calculated MW

32kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC59839-ABflo700

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Immunogen Information

Gene ID

2204

Swiss Prot

P24071

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-227 of human CD89 (NP_001991.1).

Synonyms

CD89; FcalphaR; FcalphaRI; CTB-61M7.2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

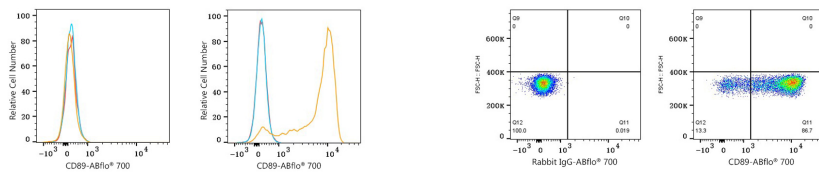
Affinity purification

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 293T cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 700 Rabbit anti-Human CD89 mAb (A26637, 5 μ l/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (A25976, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 700 Rabbit IgG isotype control (A25976, 5 μ l/Test, left) or ABflo® 700 Rabbit anti-Human CD89 mAb (A26637, 5 μ l/Test, right).