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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.

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.

Recommended Dilutions

FC

5 μ l per 10^6 cells in 100 μ l volume

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

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

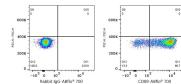
Store at 2-8°C. Avoid freeze.

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

Validation Data







Flow cytometry: 1X10^6 293T cells (negative control,left) and Human PBMC (right) were surface-stained with ABflo® 700 Rabbit anti-Human CD89 mAb (A26637,5 µl/Test,orange line) or ABflo® 700 Rabbit IgG isotype control (A25976,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: $1X10^6$ Human PBMC were surface-stained with ABflo® 700 Rabbit IgG isotype control (A25976,5 μ I/Test,left) or ABflo® 700 Rabbit anti-Human CD89 mAb (A26637,5 μ I/Test,right).