ABclonal Technology®

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ABflo® 450 Rabbit anti-Human CD89 mAb

Catalog No.: A26635

Basic Information

Observed MW

Calculated MW
32kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC59839-ABflo450

Conjugate
ABflo® 450. Ex:406nm. Em:445nm.

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 µl per 10^6 cells in
                100 µl volume

Immunogen Information

Gene ID   **Swiss Prot**
2204   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   **Isotype**   **Purification**
Rabbit   IgG   Affinity purification
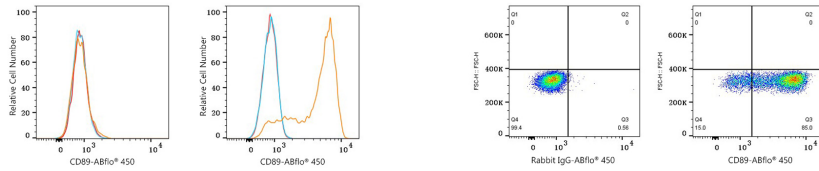
Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 293T cells (negative control,left) and Human PBMC (right) were surface-stained with ABflo® 450 Rabbit anti-Human CD89 mAb (A26635,5 µl/Test,orange line) or ABflo® 450 Rabbit IgG isotype control (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® 450 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 450 Rabbit anti-Human CD89 mAb (A26635,5 µl/Test,right).