

ABflo® 488 Rabbit anti-Human CD89 mAb

Catalog NO.: A23348

Basic Information

Observed MW

Calculated MW

32kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC59839

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 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

2204

Swiss Prot

P24071

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

CD89; FcαRI; FcαRI; CTB-61M7.2

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

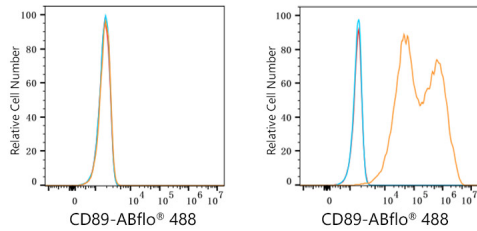
Affinity purification

Storage

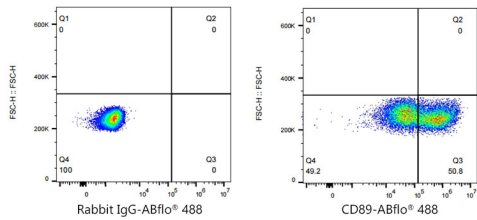
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

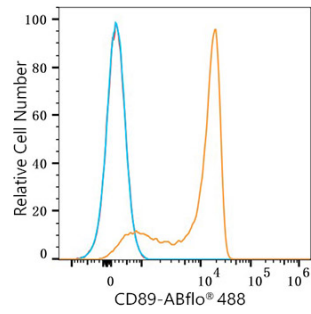
Validation Data



Flow cytometry: 1×10^6 293F cells (negative control, Left) and 293F (Transfection, right) cells were surface-stained with ABflo® 488 Rabbit anti-Human CD89 mAb (A23348, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

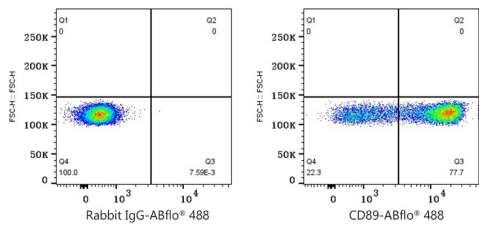


Flow cytometry: 1×10^6 293F (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Human CD89 mAb (A23348, 5 µl/Test, right).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human CD89 mAb (A23348, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Validation Data



Flow cytometry:1X10⁶ Human PBMC were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD89 mAb(A23348,5 µl/Test,right).

