

# 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

### Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> 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 protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

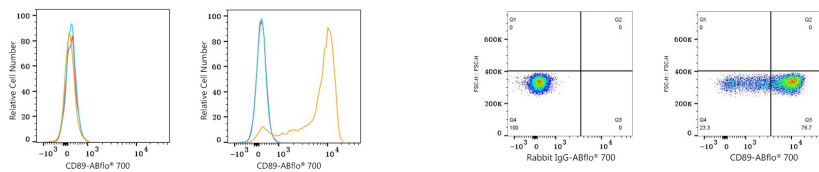
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  293T cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 700 Rabbit anti-Human CD89 mAb (A26637, 5  $\mu$ l/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (A25976, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

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