

# ABflo® 488 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb

**Catalog No.: A23358**

## Basic Information

**Observed MW****Calculated MW**

49kDa

**Category**

Primary antibody

**Applications**

FC

**Cross-Reactivity**

Human

**CloneNo number**

ARC60167-ABf488

**Conjugate**

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. The receptor can also function in antigen capture and presentation. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

**Gene ID**

11006

**Swiss Prot**

Q8NHJ6

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 22-259 of human LILRB4/CD85k/ILT3 (NP\_001265355.2).

**Synonyms**

B4; ILT3; LIR5; CD85K; ILT-3; LIR-5

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

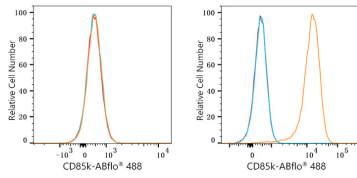
Affinity purification

**Storage**

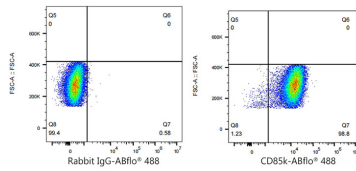
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

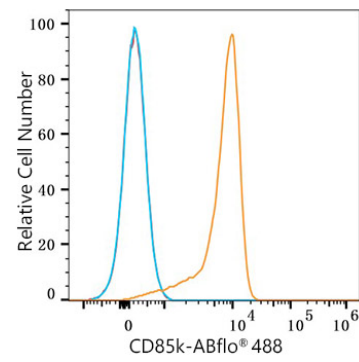
## Validation Data



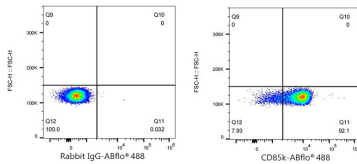
Flow cytometry:  $1 \times 10^6$  293F cells (negative control, left) and THP-1 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A23358, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  THP-1 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A23358, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A23358, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 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® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A23358, 5  $\mu$ l/Test, right).