Leader in Biomolecular Solutions for Life Science

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# ABflo® 488 Rabbit anti-Human CD85d/ILT4 mAb

**Catalog No.: A27726**

## Basic Information

**Observed MW**

**Calculated MW**
65kDa

**Category**
Primary antibody

**Applications**
FC

**Cross-Reactivity**
Human

**CloneNo number**
ARC68846

**Conjugate**
ABflo® 488. Ex:491nm. Em:516nm.

## 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. 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.

## Recommended Dilutions

| | |
|---|---|
| **FC** | 5 µl per 10^6 cells in 100 µl volume |

## Immunogen Information

**Gene ID**
10288

**Swiss Prot**
Q8N423

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

**Synonyms**
ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10

## Contact


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## Product Information

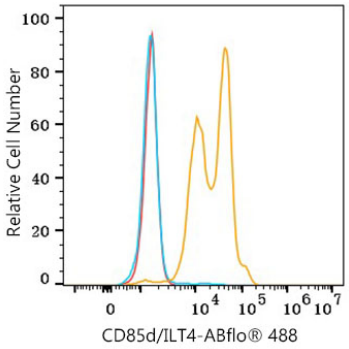
**Source**
Rabbit

**Isotype**
IgG

**Purification**
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: 1X106 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human CD85d/ILT4 mAb (A27726,5 µl/Test,orange line) orABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the monocyte gate were used for analysis.