

# PE Rabbit anti-Human CD85d/e/i/j mAb

**Catalog No.: A27607**

## Basic Information

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

65kDa

**Category**

Primary antibody

**Applications**

FC

**Cross-Reactivity**

Human

**CloneNo number**

ARC68849

**Conjugate**

PE. Ex:565nm. Em:574nm.

## 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  $\mu$ l per  $10^6$  cells in 100  $\mu$ l volume

## Immunogen Information

**Gene ID**

10288/11026/11024/10859

**Swiss Prot**

Q8N423/Q8N6C8/O75019/Q8NHL6

**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**

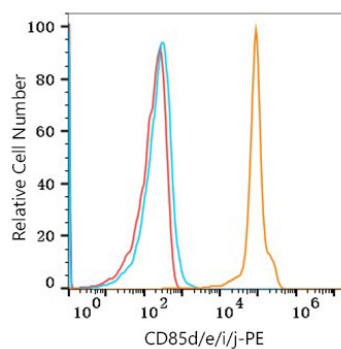
Affinity purification

**Storage**

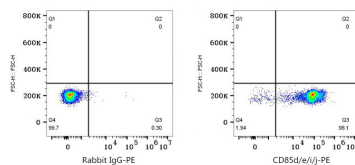
Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with PE Rabbit anti-Human CD85d/e/i/j mAb (A27607, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the monocyte gate were used for analysis.



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human CD85d/e/i/j mAb (A27607, 5  $\mu$ l/Test, right). Cells in the monocyte gate were used for analysis.