Leader in Biomolecular Solutions for Life Science

PE Rabbit anti-Human ILT5/CD85a mAb

Catalog No.: A26565



Basic Information

Observed MW Refer to figures

Calculated MW 69kDa/71kDa

Category Primary antibody

Applications FC

Cross-Reactivity Human

CloneNo number ARC64515-PE

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

Recommended Dilutions

5 µl per 10^6 cells in

100 µl volume

FC

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.

Immunogen Information

Gene ID 11025 **Swiss Prot** 075022

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-418 of human ILT5/CD85a (NP_006855.3).

Synonyms

HL9; ILT5; LIR3; PIRB; CD85A; ILT-5; LIR-3; PIR-B; LILRA6

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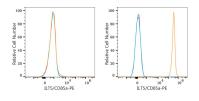
Product Information

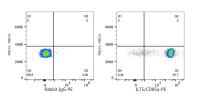
Source Rabbit **lsotype** IgG **Purification** Affinity purification

Storage

Store at 2-8°C. Avoid freeze. Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data





Flow cytometry: 1X10^6 K-562 cells (negative control,left) and Human PBMC (right) were surface-stained with PE Rabbit anti-Human ILT5/CD85a mAb (A26565,5 µl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Nonfluorescently stained cells were used as blank control (red line). Flow cytometry: 1X10^6 Human PBMC were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Human ILT5/CD85a mAb (A26565,5 µl/Test,right).