

PE/Cyanine7 Rabbit anti-Human CD85k/ILT3 mAb

Catalog No.: A27869

Basic Information

Observed MW

Calculated MW

49kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC60167

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l 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 protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

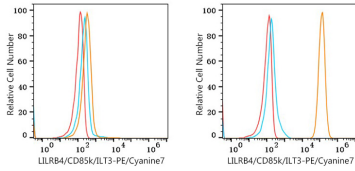
Affinity purification

Storage

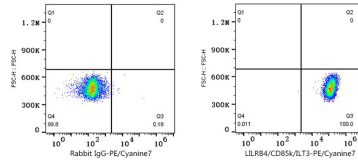
Store at 2-8°C. Avoid freeze.

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

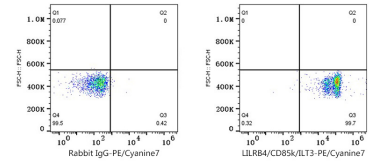
Validation Data



Flow cytometry: 1×10^6 293F cells (negative control, left) and THP-1 cells (right) were surface-stained with PE/Cyanine7 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A27869, 5 μ /Test, orange line) or PE/Cyanine7 Rabbit IgG isotype control (5 μ /Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 THP-1 cells were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 μ /Test, left) or PE/Cyanine7 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A27869, 5 μ /Test, right).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 μ /Test, left) or PE/Cyanine7 Rabbit anti-Human LILRB4/CD85k/ILT3 mAb (A27869, 5 μ /Test, right). Cells in the monocyte gate were used for analysis.