Leader in Biomolecular Solutions for Life Science

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ABflo® 647 Rabbit anti-Human CD85d/ILT4 mAb

Catalog No.: A27727

Basic Information

Observed MW

Calculated MW
65kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC68846

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

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

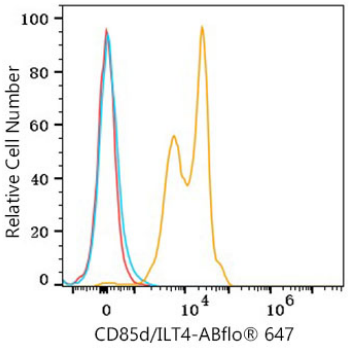
Source
Rabbit

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® 647 Rabbit anti-Human CD85d/ILT4 mAb (A27727,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the monocyte gate were used for analysis.