

ABflo® 594 Rabbit anti-Human CD85a/ILT5 mAb

Catalog NO.: A24713

Basic Information

Observed MW

Refer to figures

Calculated MW

69kDa/71kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 594. Ex:588nm. Em:604nm.

Clone number

ARC64515

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 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

11025

Swiss Prot

O75022

Immunogen

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

Synonyms

LILRB3; CD85A; HL9; ILT-5; ILT5; LILRA6; LIR-3; LIR3; PIR-B; PIRB; leukocyte immunoglobulin like receptor B3

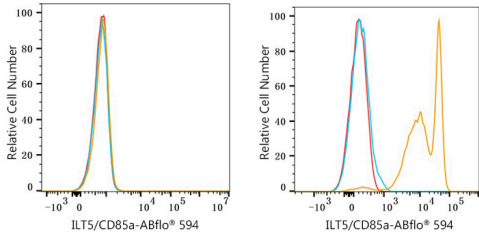
Contact

Product Information

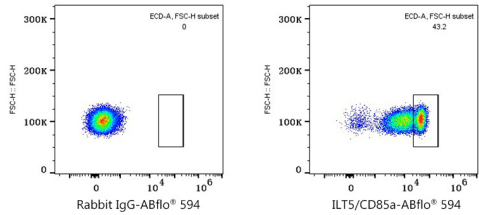
☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ K-562 cells (negative control,left) and Human PBMC (right) were surface-stained with ABflo[®] 594 Rabbit anti-Human ILT5/CD85a mAb (A24713,5 µl/Test,orange line) or ABflo[®] 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo[®] 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo[®] 594 Rabbit anti-Human ILT5/CD85a mAb (A24713,5 µl/Test,right).

