

For Research Use Only

FcZero-rAb® Biotin Anti-Human LILRA5/CD85f Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98477



Basic Information

Catalog Number:

Biotin-FcA98477

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2737

GenBank Accession Number:

NM_021250.4

GeneID (NCBI):

353514

UNIPROT ID:

A6NI73-1

Full Name:

Leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

250298G11

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

LILRA5, also named as CD85f, ILT11, LILRB7 or LIR9, is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is a group of immune inhibitory and stimulatory receptors (PMID: 15304001). There are two membrane-bound and two soluble forms of LILRA5. The transmembrane LILRA5 contains a short cytoplasmic domain and a charged arginine residue within the transmembrane region (PMID: 19009525). It is mostly expressed in myeloid cells, including monocytes and neutrophils (PMID: 12393390). LILRA5 may play a role in triggering innate immune responses. It does not function in class I MHC antigens recognition (PMID: 16675463).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

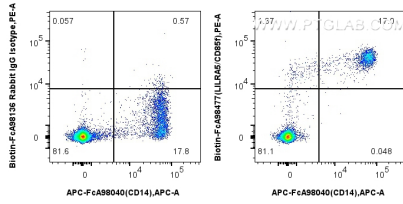
T: 4006900926

E: Proteintech-CN@ptglab.com

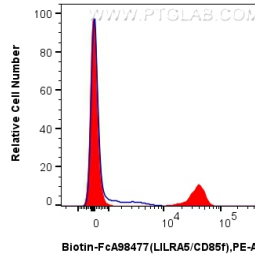
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human LILRA5/CD85f Rabbit RecAb (Biotin-FcA98136, Clone:240953C9) and Streptavidin-PE Conjugate (PE-PF00030), Cells were then stained with FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98477, Clone:250298G11), or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone:240953C9) and Streptavidin-PE Conjugate (PE-PF00030). Cells were then stained with FcZero-rAb® APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-FcA98040, Clone:230332D7). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human LILRA5/CD85f Rabbit RecAb (Biotin-FcA98477, Clone:250298G11) (red), or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone:240953C9)(blue) and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.