

For Research Use Only

Anti-Human LILRB2/CD85d Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98488-3-PBS



Basic Information

Catalog Number:

98488-3-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2839

GenBank Accession Number:

NM_005874.4

GeneID (NCBI):

10288

UNIPROT ID:

Q8N423-1

Full Name:

Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2

Calculated MW:

65 kDa

Purification Method:

Protein A purification

CloneNo.:

250299A6

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

LILRB2 (Leukocyte immunoglobulin-like receptor subfamily B member 2), also known as ILT4, CD85d or MIR10, is a type I transmembrane glycoprotein that contains four extracellular immunoglobulin domains, a transmembrane domain, and three cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs) (PMID: 33928233). LILRB2 is mainly expressed in immunocytes including monocytes, macrophages, and dendritic cells, and transduces negative signals by its association with SHP-1 phosphatase via the ITIMs (PMID: 35717259). LILRB2 can interact with various ligands such as HLA-A, HLA-B, HLA-C, HLA-G, HLA-F, CD1c, CD1d, angiopoietin-like proteins (ANGPTLs), and SEMA4A.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

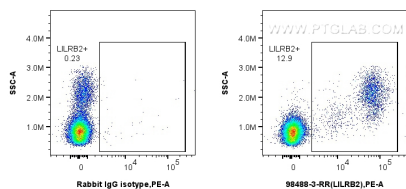
T: 4006900926

E: Proteintech-CN@ptglab.com

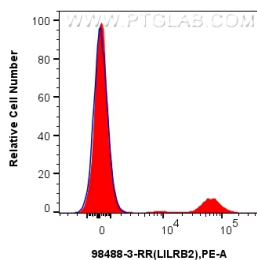
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human LILRB2/CD85d Rabbit RecAb (98488-3-RR, Clone:250299A6) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98488-3-PBS in a different storage buffer formulation.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human LILRB2/CD85d Rabbit RecAb (98488-3-RR, Clone: 250299A6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98488-3-PBS in a different storage buffer formulation.

