For Research Use Only

Anti-Human LILRB2/CD85d Rabbit Recombinant Antibody

Catalog Number:98488-3-RR

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Basic Information

Catalog Number:
98488-3-RR

Size:
100ug , 1000 µg/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

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human PBMCs,

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.

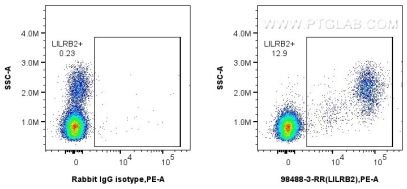
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

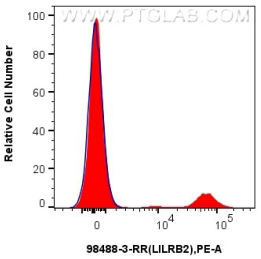
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 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.



1x10^6 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.