

For Research Use Only

Anti-Human CD85j / LILRB1 Rabbit Recombinant Antibody

Catalog Number: 98471-1-RR



Basic Information

Catalog Number:

98471-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3701

GenBank Accession Number:

BC015731

GeneID (NCBI):

10859

UNIPROT ID:

Q8NHL6

Full Name:

leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1

Calculated MW:

71 kDa

Purification Method:

Protein A purification

CloneNo.:

250502H2

Recommended Dilutions:

IHC: 1:500-1:2000

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

Applications

Tested Applications:

IHC, FC

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human tonsillitis tissue,

FC : human PBMCs,

Background Information

LILRB1, also named as CD85j or ILT2, includes four C2 Ig domains binding HLA class I molecules in the extracellular region and a cytoplasmic domain containing four immunoreceptor tyrosine-based inhibition motifs (ITIM). LILRB1 is a surface glycoprotein detected on the surface of B cells, monocytes, dendritic cells, T cells and NK cells.

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

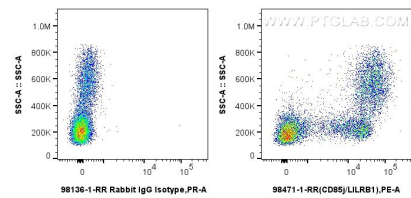
For technical support and original validation data for this product please contact:

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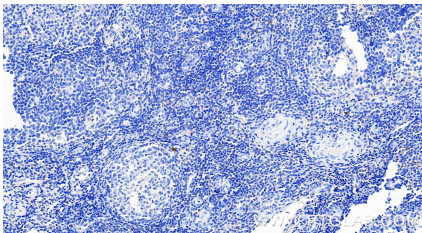
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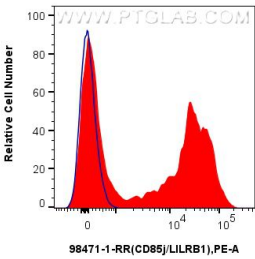
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD85j / LILRB1 Rabbit RecAb (98471-1-RR, Clone: 250502H2) 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.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 98471-1-RR (CD85j) / LILRB1 antibody at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD85j / LILRB1 Rabbit RecAb (98471-1-RR, Clone: 250502H2) (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.