

For Research Use Only

CD85j / LILRB1 Polyclonal antibody

Catalog Number: 26455-1-AP

1 Publications



Basic Information

Catalog Number:

26455-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24795

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

Observed MW:

71 and 110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

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:

WB : Daudi cells, Ramos cells

IHC : human liver tissue, human tonsillitis tissue

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. The predicted MW of LILRB1 is 71 kDa and 26455-1-AP antibody recognizes the 71 and 110 kDa which might be the noncovalently linked monomer. (PMID:17601702; 15474475; 17549736; 24098421)

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyu Xu	37075669	Int Immunopharmacol	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

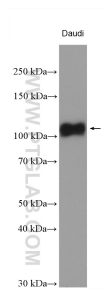
T: 4006900926

E: Proteintech-CN@ptglab.com

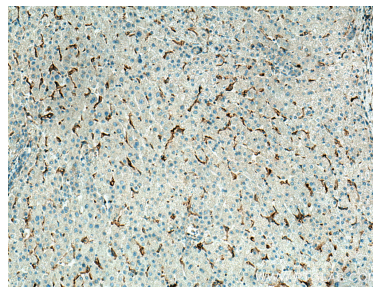
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26455-1-AP (LILRB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26455-1-AP (LILRB1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).