

For Research Use Only

LILRA5/CD85f Polyclonal antibody

Catalog Number: 18821-1-AP



Basic Information

Catalog Number:

18821-1-AP

Size:

150ul , Concentration: 1300 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC153203

GeneID (NCBI):

353514

UNIPROT ID:

A6NI73

Full Name:

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

Calculated MW:

299 aa, 33 kDa

Observed MW:

31-33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells,

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). The antibody recognizes the isoform 1 and isoform 2 of LILRA5.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

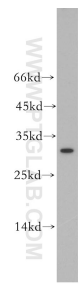
For technical support and original validation data for this product please contact:

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

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 18821-1-AP (LILRA5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.