

For Research Use Only

# LILRA5/CD85f Polyclonal antibody, PBS Only

Catalog Number: 18821-1-PBS



## Basic Information

**Catalog Number:**

18821-1-PBS

**Concentration:**

1 mg/ml

**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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## 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 -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:

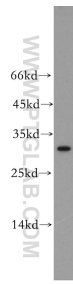
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 18821-1-PBS in a different storage buffer formulation.