

For Research Use Only

# CD300LF Polyclonal antibody

Catalog Number: 13334-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

13334-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG4150

**GenBank Accession Number:**

BC028199

**GeneID (NCBI):**

146722

**UNIPROT ID:**

Q8TDQ1

**Full Name:**

CD300 molecule-like family member  
f

**Calculated MW:**

290 aa, 32 kDa

**Observed MW:**

30-34 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

mouse

**Positive Controls:**

WB: Jurkat cells, U-937 cells

IP: K-562 cells,

## Background Information

CD300LF, also known as CLM1 (CMRF35-like molecule 1), is a member of the CD300 protein family. Members of this family are cell surface glycoproteins with a single IgV-like extracellular domain, and are involved in the regulation of immune response. CD300LF is an inhibitory receptor that has been shown to inhibit various inflammatory processes in myeloid cells, such as macrophages and mast cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dmitry N Grigoryev	26285698	BMC Pulm Med	WB

## 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:

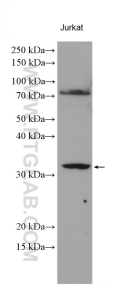
T: 4006900926

E: Proteintech-CN@ptglab.com

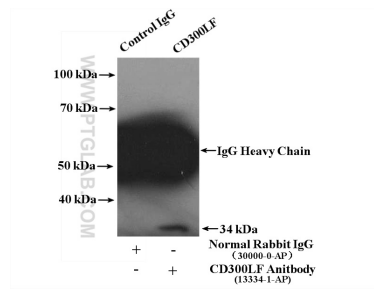
W: ptgcn.com

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 13334-1-AP (CD300LF antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-CD300LF (IP:13334-1-AP, 4ug; Detection:13334-1-AP 1:1500) with K-562 cells lysate 4000ug.