

For Research Use Only

# Anti-Human CD300a Rabbit Recombinant Antibody

Catalog Number: 98268-1-RR



## Basic Information

Catalog Number:

98268-1-RR

Concentration:

100ug, 1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_007261.4

GeneID (NCBI):

11314

UNIPROT ID:

Q9UGN4-1

Full Name:

CD300a molecule

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

242131H4

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

Human CD300a is a transmembrane protein, with an immunoglobulin (Ig)V-like extracellular domain and a cytoplasmic tail containing immunoreceptor tyrosine-based inhibitory motifs (ITIMs), providing the receptor with an inhibitory capacity. The relevance of the CD300a molecule in several pathological conditions has been highlighted by multiple studies. (PMID: 37762055)

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

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

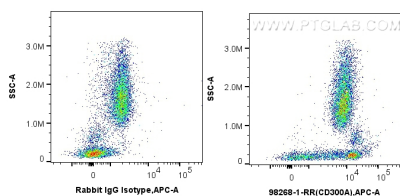
T: 4006900926

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

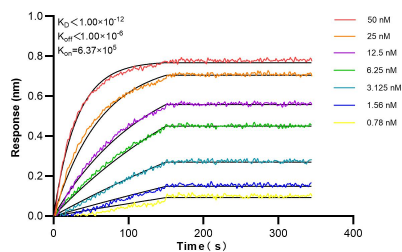
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD300a Rabbit Recombinant Antibody (98268-1-RR, Clone: 242131H4) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98268-1-RR against Human CD300a were performed. The affinity constant is below 1 pM.