

For Research Use Only

Anti-Human CD300a Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98268-1-PBS



Basic Information

Catalog Number:

98268-1-PBS

Size:

1mg, 2 mg/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 -80°C.

Storage Buffer:

PBS Only

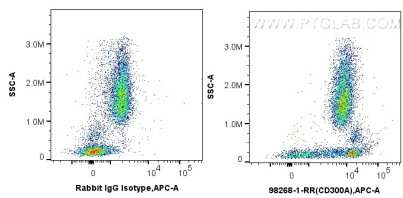
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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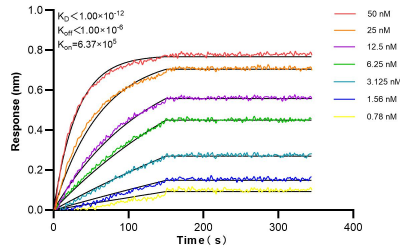
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ 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. This data was developed using the same antibody clone with 98268-1-PBS in a



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