

For Research Use Only

CD300a Recombinant monoclonal antibody

Catalog Number: 87050-1-RR



Basic Information

Catalog Number:

87050-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2675

GenBank Accession Number:

GeneID (NCBI):

217303

UNIPROT ID:

Q6SJQ0-1

Full Name:

CD300A antigen

Calculated MW:

36 kDa

Observed MW:

60-70 kDa

Purification Method:

Protein A purification

CloneNo.:

251972C10

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB: J774A.1 cells, RAW 264.7 cells, mouse spleen tissue, rat spleen tissue

Background Information

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 -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

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

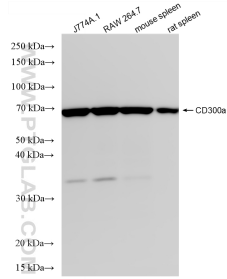
T: 4006900926

E: Proteintech-CN@ptglab.com

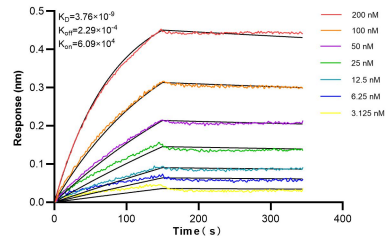
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87050-1-RR (CD300a antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87050-1-RR against Mouse CD300a were performed. The affinity constant is 3.76 nM.