

For Research Use Only

CD300a Recombinant antibody, PBS Only

Catalog Number: 84674-4-PBS



Basic Information

Catalog Number: 84674-4-PBS	GenBank Accession Number: NM_007261.4	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 11314	CloneNo.: 242131H5
Source: Rabbit	UNIPROT ID: Q9UGN4-1	
Isotype: IgG	Full Name: CD300a molecule	
	Calculated MW: 33 kDa	
	Observed MW: 40-70 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

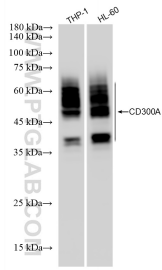
T: 4006900926

E: Proteintech-CN@ptglab.com

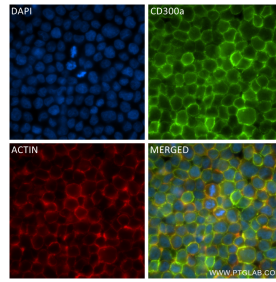
W: ptgcn.com

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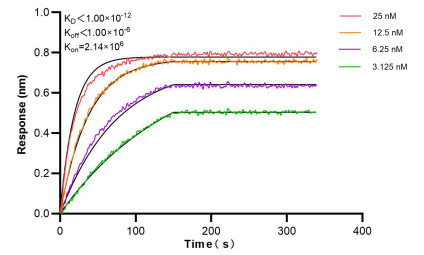
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84674-4-RR (CD300A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84674-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CD300A antibody (84674-4-RR, Clone: 242131H5) at dilution of 1:250 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84674-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84674-4-RR against Human CD300A were performed. The affinity constant is below 1 pM.