

For Research Use Only

KIR2DL1 Recombinant antibody, PBS Only

Catalog Number: 85168-1-PBS



Basic Information

Catalog Number: 85168-1-PBS	GenBank Accession Number: BC069344	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 3802	CloneNo.: 242070D11
Source: Rabbit	UNIPROT ID: P43626	
Isotype: IgG	Full Name: killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1	
	Calculated MW: 39 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Killer cell immunoglobulin-like receptor 2DL1 (KIR2DL1, also known as CD158A and NKAT1) is an inhibitory receptor of NK cells, with β -arrestin 2 mediated recruitment of the tyrosine phosphatases SHP-1 and SHP-2 to KIR2DL1 and facilitated downstream inhibitory signaling (PMID: 18604210). The effector function of NK cells expressing KIR2DL1 or KIR2DS1 is highly influenced by genetic variability and is calibrated by co-expression of additional NK receptors and cognate HLA-C2 ligands (PMID: 31024561).

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:

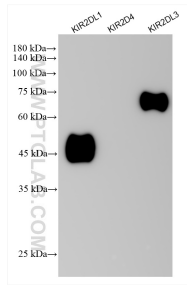
T: 4006900926

E: Proteintech-CN@ptglab.com

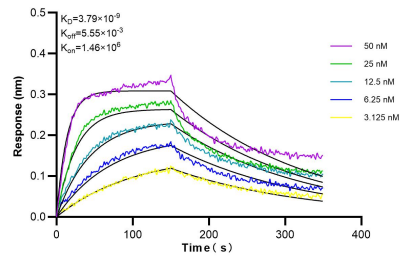
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85168-1-RR (KIR2DL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85168-1-PBS in a different storage buffer formulation.



Biacore BLI kinetic assays of 85168-1-RR against Human KIR2DL1 were performed. The affinity constant is 37.9 nM.