

For Research Use Only

LRRC32 Recombinant antibody

Catalog Number: 86059-2-RR



Basic Information

Catalog Number:	86059-2-RR	GenBank Accession Number:	BC070079	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	2615	CloneNo.:	250611B1
Source:	Rabbit	UNIPROT ID:	Q14392	Recommended Dilutions:	WB: 1:500-1:2000
Isotype:	IgG	Full Name:	leucine rich repeat containing 32		
Immunogen Catalog Number:	AG23423	Calculated MW:	72 kDa		
		Observed MW:	72-80 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: human peripheral blood platelets, HUVEC cells
Species Specificity:	
human	

Background Information

LRRC32, also known as GARP, is a transmembrane protein of 662 amino acids, the extracellular portion of which contains 20 leucine-rich repeats (PMID: 8180135). LRRC32 is a cell surface receptor on regulatory T-lymphocytes (Treg cells), platelets, hepatic stellate cells and certain cancer cells (PMID: 27054568). It has been demonstrated as a Treg-specific activation marker (PMID: 20137067). LRRC32 is critical for the surface expression of latent TGF-β by binding to the complex and functioning as its cell surface receptor (PMID: 19651619).

Storage

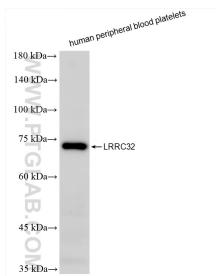
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

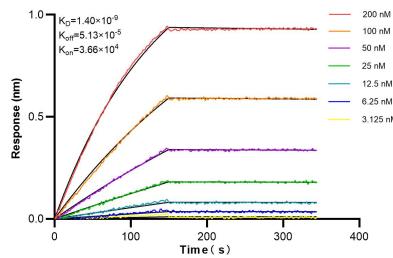
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 86059-2-RR (LRRC32 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86059-2-RR against Human LRRC32 were performed. The affinity constant is 1.40 nM.