

For Research Use Only

# LRRC47 Recombinant antibody, PBS Only

Catalog Number: 83693-3-PBS



## Basic Information

<b>Catalog Number:</b> 83693-3-PBS	<b>GenBank Accession Number:</b> BC031301	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57470	<b>CloneNo.:</b> 240741A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N1G4	
<b>Isotype:</b> IgG	<b>Full Name:</b> leucine rich repeat containing 47	
<b>Immunogen Catalog Number:</b> AG19736	<b>Calculated MW:</b> 583 aa, 63 kDa	
	<b>Observed MW:</b> 63 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, FC (Intra), ELISA

**Species Specificity:**  
human

## Background Information

LRRC47 enables RNA binding activity. It is predicted to be involved in phenylalanyl-tRNA aminoacylation.

## Storage

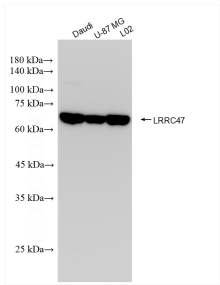
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

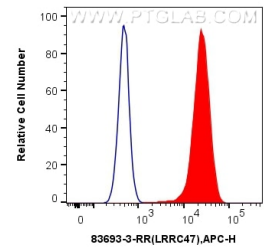
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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Selected Validation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

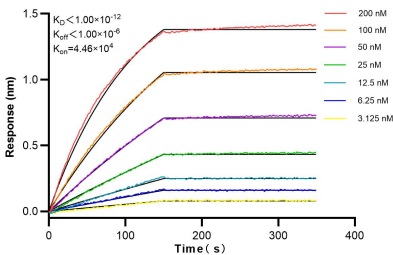


Immunofluorescent analysis of (-20°C Ethanol) fixed L02 cells using LRRC47 antibody (83693-3-RR, Clone: 240741A6 ) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83693-3-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 83693-3-RR (LRRC47 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83693-3-PBS in a different storage buffer formulation.

1x10<sup>6</sup> U2OS cells were intracellularly stained with 0.25 ug LRRC47 Recombinant antibody (83693-3-RR, Clone:240741A6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83693-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83693-3-RR against Human LRRC47 were performed. The affinity constant is below 1 pM.