

For Research Use Only

# LRRC47 Recombinant antibody, PBS Only

Catalog Number: 83693-3-PBS



## Basic Information

Catalog Number:

83693-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19736

GenBank Accession Number:

BC031301

GeneID (NCBI):

57470

UNIPROT ID:

Q8N1G4

Full Name:

leucine rich repeat containing 47

Calculated MW:

583 aa, 63 kDa

Observed MW:

63 kDa

Purification Method:

Protein A purification

CloneNo.:

240741A6

## 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.

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:

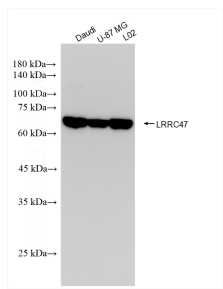
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

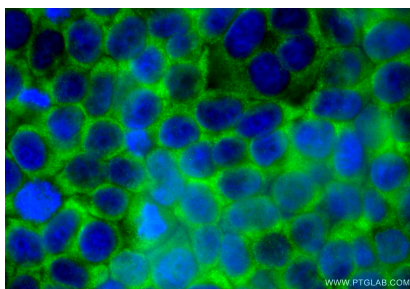
W: [ptgcn.com](http://ptgcn.com)

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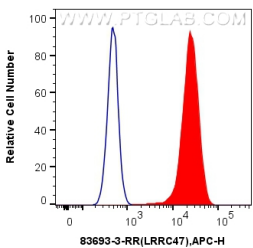
## Selected Validation Data



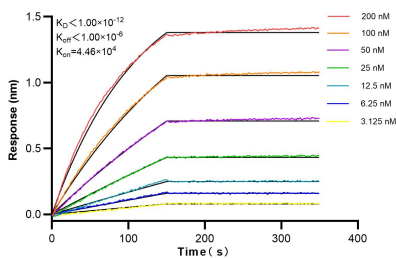
Various lysates were subjected to SDS PAGE followed by western blot with 83693-3-RR (LRRC47 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83693-3-PBS in a different storage buffer formulation.



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.



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.