

For Research Use Only

# GPR15 Recombinant monoclonal antibody

Catalog Number: 87491-1-RR



## Basic Information

Catalog Number:

87491-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC101779

GeneID (NCBI):

2838

UNIPROT ID:

P49685

Full Name:

G protein-coupled receptor 15

Calculated MW:

360 aa, 41 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

252521C8

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse heart tissue, rat heart tissue

## Background Information

GPR15 is a Gi-coupled GPCR that directs T cell homing to the colon, playing a central role in mucosal immune surveillance and intestinal homeostasis. Through recognition of GPR15L, GPR15 regulates lymphocyte migration and inflammatory tone within the gut. Dysregulation of this axis contributes to inflammatory bowel disease, autoimmune pathology, and altered tumor immune landscapes, highlighting GPR15 as a key mediator of tissue-specific immune trafficking.

## 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

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

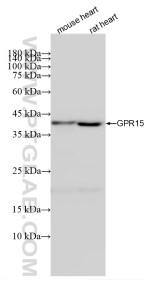
T: 4006900926

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 87491-1-RR (GPR15 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.