

For Research Use Only

# RAB31 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83434-2-PBS



## Basic Information

Catalog Number:

83434-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_006868

GeneID (NCBI):

11031

UNIPROT ID:

Q13636

Full Name:

RAB31, member RAS oncogene family

Calculated MW:

22 kDa

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

250075C7

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

RAB 31, also named as RAB22b, belongs to small GTP-binding proteins of the RAB family. Rab31 localizes in the trans-Golgi network (TGN) and endosomes. It is required for transport of mannose 6-phosphate receptors (MPRs) from the trans-Golgi network (TGN) to endosomes. This antibody can bind RAB31 specifically, and not react RAB22a.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

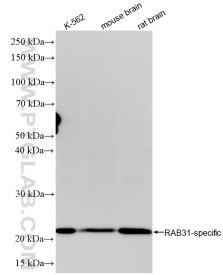
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

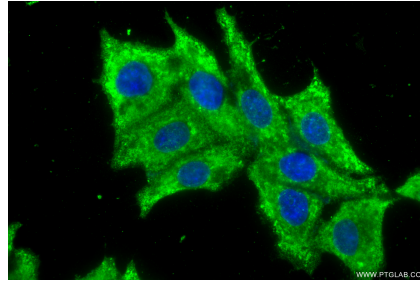
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83434-2-RR (RAB31 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83434-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using RAB31 antibody (83434-2-RR, Clone: 250075C7) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83434-2-PBS in a different storage buffer formulation.