

For Research Use Only

RAB5B Recombinant monoclonal antibody, PBS Only

Catalog Number: 86951-1-PBS



Basic Information

Catalog Number:

86951-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5609

GenBank Accession Number:

NM_001252036.2

GeneID (NCBI):

5869

UNIPROT ID:

P61020-1

Full Name:

RAB5B, member RAS oncogene family

Calculated MW:

24 kDa

Observed MW:

24-27 kDa

Purification Method:

Protein A purification

CloneNo.:

252038B1

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RAB5B (Ras-related protein Rab-5B) belongs to the Rab family. Rab5 is specifically localized to the early compartment and regulates endocytosis (PMID:1516130, PMID:9087439). There are three isoforms of Rab5 namely, Rab5a, Rab5b, and Rab5c present in EE of mammalian cells (PMID:7789520). Recently, we have shown that Rab5a regulates fluid-phase endocytosis whereas receptor-mediated endocytosis is regulated by Rab5b in Leishmania (PMID:27226564).

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, pH7.3

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

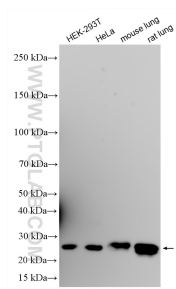
T: 4006900926

E: Proteintech-CN@ptglab.com

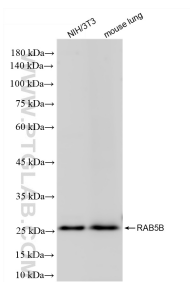
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

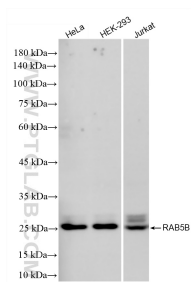
Selected Validation Data



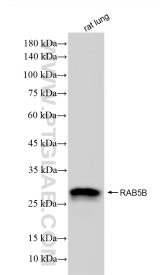
Various lysates were subjected to SDS PAGE followed by western blot with 86951-1-RR (RAB5B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86951-1-PBS in a different storage buffer formulation.



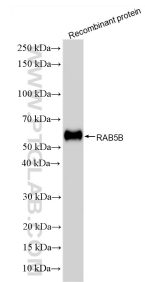
Various lysates were subjected to SDS PAGE followed by western blot with 86951-1-RR (RAB5B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86951-1-PBS in a different storage buffer formulation.



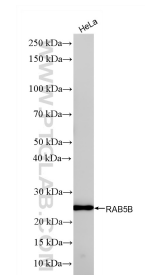
Various lysates were subjected to SDS PAGE followed by western blot with 86951-1-RR (RAB5B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86951-1-PBS in a different storage buffer formulation.



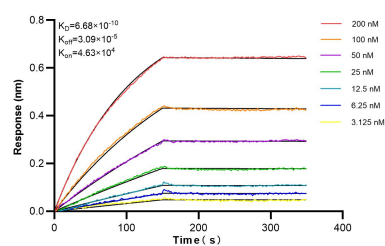
Various lysates were subjected to SDS PAGE followed by western blot with 86951-1-RR (RAB5B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86951-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86951-1-RR (RAB5B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86951-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86951-1-RR (RAB5B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86951-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86951-1-RR against Human RAB5B were performed. The affinity constant is 0.668 nM.