

For Research Use Only

# RAB32 Recombinant antibody, PBS Only

Catalog Number: 82960-1-PBS



## Basic Information

Catalog Number:

82960-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1450

GenBank Accession Number:

BC015061

GeneID (NCBI):

10981

UNIPROT ID:

Q13637

Full Name:

RAB32, member RAS oncogene family

Calculated MW:

25 kDa

Observed MW:

25-28 kDa

Purification Method:

Protein A purification

CloneNo.:

230315A9

## Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, rat

## Background Information

Rab32 belongs to the Ras-like small GTPase superfamily, which regulate membrane dynamics, including membrane fusion/fission, exocytosis, and cytoskeletal trafficking. Rab32 anchors the type II regulatory subunit of protein kinase A to the mitochondrion and aids in mitochondrial fission. TRab32 also appears to be involved in autophagy and melanosome secretion.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

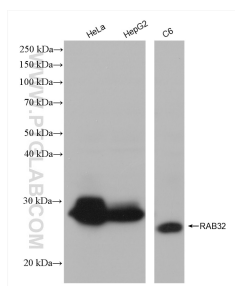
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

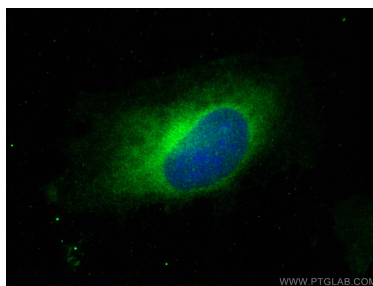
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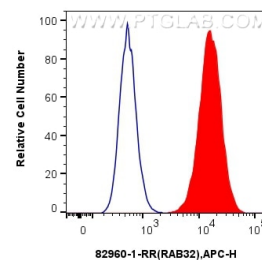
## Selected Validation Data



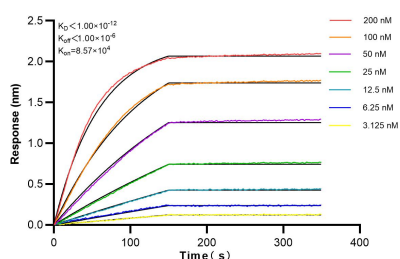
Various lysates were subjected to SDS PAGE followed by western blot with 82960-1-RR (RAB32 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82960-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using RAB32 antibody (82960-1-RR, Clone: 230315A9) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 82960-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> U-251 cells were intracellularly stained with 0.25 ug Anti-Human RAB32 (82960-1-RR, Clone:230315A9) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (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 82960-1-PBS in a different storage buffer formulation.



Bioluminescence resonance energy transfer (BLI) kinetic assays of 82960-1-RR against Human RAB32 were performed. The affinity constant is below 1 pM.