

For Research Use Only

RAB32 Recombinant antibody, PBS Only

Catalog Number: 82960-5-PBS



Basic Information

Catalog Number: 82960-5-PBS	GenBank Accession Number: BC015061	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10981	CloneNo.: 230315B10
Source: Rabbit	UNIPROT ID: Q13637	
Isotype: IgG	Full Name: RAB32, member RAS oncogene family	
Immunogen Catalog Number: AG1450	Calculated MW: 25 kDa	

Applications

Tested Applications:
IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

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

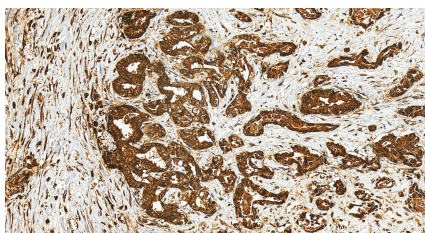
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

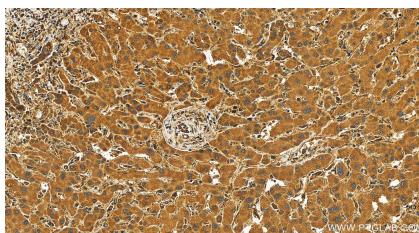
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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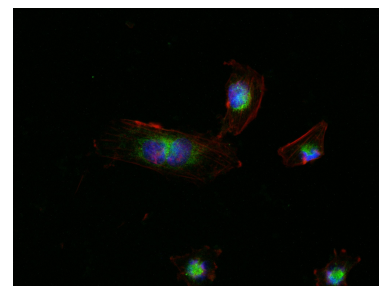
Selected Validation Data



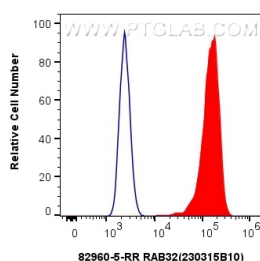
Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 82960-5-RR (RAB32 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82960-5-PBS in a different storage buffer formulation.



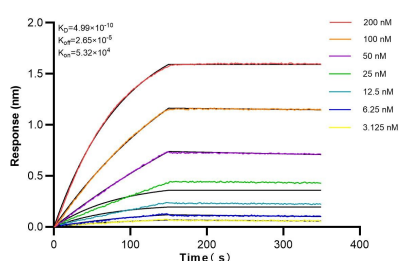
Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 82960-5-RR (RAB32 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82960-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using RAB32 antibody (82960-5-RR, Clone: 230315B10) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 82960-5-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug RAB32 Recombinant antibody (82960-5-RR, Clone:230315B10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (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 82960-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82960-5-RR against Human RAB32 were performed. The affinity constant is 0.499 nM.