

For Research Use Only

CoraLite® Plus 488-conjugated RAB32 Recombinant antibody

Catalog Number:CL488-82960



Basic Information

Catalog Number: CL488-82960	GenBank Accession Number: BC015061	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 10981	CloneNo.: 230315A9
Source: Rabbit	UNIPROT ID: Q13637	Recommended Dilutions: WB 1:500-1:1000
Isotype: IgG	Full Name: RAB32, member RAS oncogene family	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1450	Calculated MW: 25 kDa	
	Observed MW: 25-28 kDa	

Applications

Tested Applications: WB, FC (Intra)	Positive Controls: WB : HepG2 cells, HeLa cells
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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

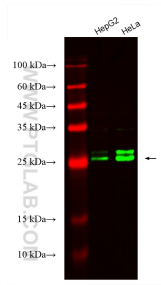
T: 4006900926

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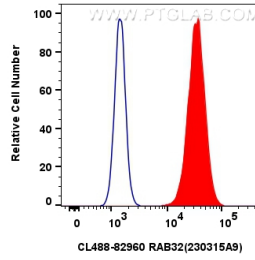
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-82960 (RAB32 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Rab32 Recombinant Antibody (CL488-82960, Clone:230315A9)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).