

For Research Use Only

CoraLite® Plus 488-conjugated RPS3 Recombinant monoclonal antibody

Catalog Number:CL488-84947-4



Basic Information

Catalog Number: CL488-84947-4	GenBank Accession Number: BC003137	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6188	CloneNo.: 242504F3
Source: Rabbit	UNIPROT ID: P23396	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: ribosomal protein S3	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7346	Calculated MW: 27 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human, mouse, rat	

Background Information

40S ribosomal protein S3 (RPS3), also named as SW-cl.26, is a 243 amino acid protein, which contains one KH type-2 domain and belongs to the ribosomal protein S3P family. RPS3 localizes in the cytoplasm. RPS3 is identified in a IGF2BP1-dependent mRNP granule complex, which contains untranslated mRNAs. RPS3 plays a role in repairing various DNA damage acting as a repair UV endonuclease. Nuclear accumulation of RPS3 results in an increase in DNA repair activity to some extent, thereby sustaining neuronal survival.

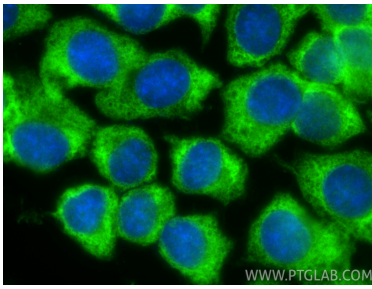
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 RPS3 antibody (CL488-84947-4, Clone: 242504F3) at dilution of 1:200.