

For Research Use Only

RPS14 Monoclonal antibody, PBS Only



Catalog Number: 67566-1-PBS

Basic Information

Catalog Number: 67566-1-PBS	GenBank Accession Number: BC003401	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 6208	CloneNo.: 3D5H5
Source: Mouse	UNIPROT ID: P62263	
Isotype: IgG2b	Full Name: ribosomal protein S14	
Immunogen Catalog Number: AG30032	Calculated MW: 16 kDa	
	Observed MW: 16 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
Human, mouse, rat

Background Information

The mammalian ribosome consists of 4 RNA species and approximately 80 different proteins. The ribosomal proteins are encoded by complex gene families that include at least 1 active intron-containing gene and multiple processed pseudogenes [PMID 3785212]. The RPS14 gene, encoding a ribosomal protein that belongs to the 40S ribosome, and mapping to the commonly deleted region (CDR) of the 5q- syndrome, shows haploinsufficiency in the CD34+ cells of patients with this disorder [PMID:22430631].

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

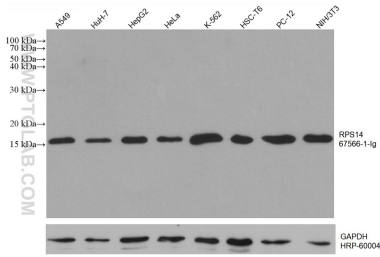
T: 4006900926

E: Proteintech-CN@ptglab.com

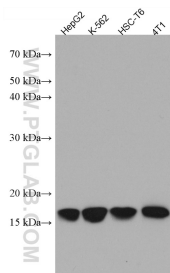
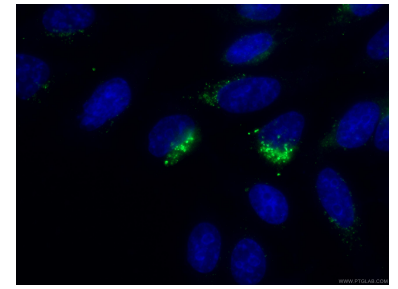
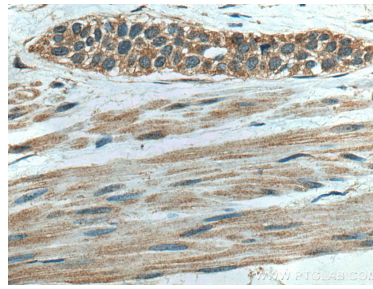
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67566-1-Ig (RPS14 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67566-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67566-1-Ig (RPS14 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67566-1-PBS in a different storage buffer formulation.