

For Research Use Only

RPS20 Monoclonal antibody

Catalog Number: 68270-1-Ig



Basic Information

Catalog Number: 68270-1-Ig	GenBank Accession Number: BC007507	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6224	CloneNo.: 3E9B4
Source: Mouse	Full Name: ribosomal protein S20	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG1	Calculated MW: 13 kDa	
Immunogen Catalog Number: AG8275	Observed MW: 16 kDa	

Applications

Tested Applications:
IF, WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : Jurkat cells, HeLa cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, HEK-293 cells

IF : HeLa cells,

Background Information

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS20 is a component of the 40S subunit. The protein belongs to the S10P family of ribosomal proteins. It is located in the cytoplasm.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

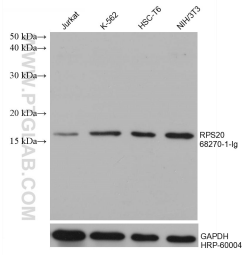
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

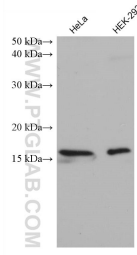
E: proteintech@ptglab.com
W: ptglab.com

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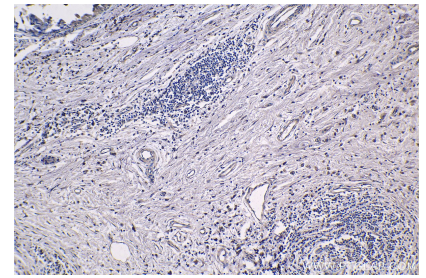
Selected Validation Data



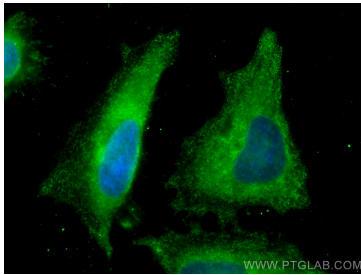
Various lysates were subjected to SDS PAGE followed by western blot with 68270-1-Ig (RPS20 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 68270-1-Ig (RPS20 antibody) at dilution of 1:1000 (under 10x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using RPS20 antibody (68270-1-Ig, Clone: 3E9B4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).