

For Research Use Only

RPS20 Monoclonal antibody

Catalog Number: 68270-1-Ig **2 Publications**



Basic Information

Catalog Number: 68270-1-Ig	GenBank Accession Number: BC007507	Purification Method: Protein G purification
Concentration: 1000 µg/ml	GeneID (NCBI): 6224	CloneNo.: 3E9B4
Source: Mouse	UNIPROT ID: P60866	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:750-1:3000
Isotype: IgG1	Full Name: ribosomal protein S20	
Immunogen Catalog Number: AG8275	Calculated MW: 13 kDa Observed MW: 16 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: IF	WB : Jurkat cells, HeLa cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, HEK-293 cells
Species Specificity: Human, mouse, rat	IHC : human breast cancer tissue,
Cited Species: human	IF/ICC : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Joanna R Kovalski	39905246	Nat Cell Biol	IF
Joanna R Kovalski	39416102	bioRxiv	IF

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

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

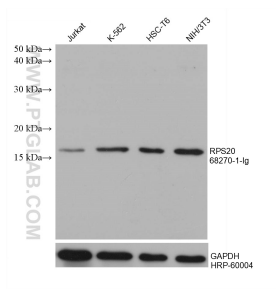
T: 4006900926

E: Proteintech-CN@ptglab.com

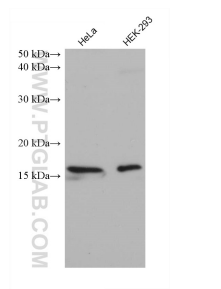
W: ptgcn.com

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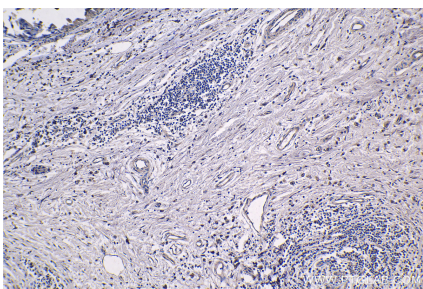
Selected Validation Data



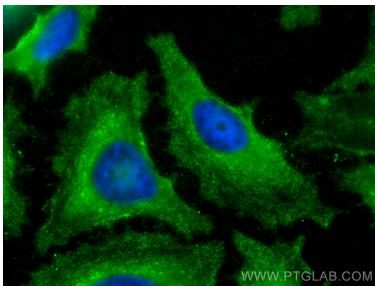
Various lysates were subjected to SDS PAGE followed by western blot with 68270-1-Ig (RPS20 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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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 1:1500 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).