

For Research Use Only

LAMR1/RPSA Monoclonal antibody

Catalog Number: 67324-1-Ig **2 Publications**



Basic Information

Catalog Number: 67324-1-Ig	GenBank Accession Number: BC050688	Purification Method: Thiophilic affinity chromatograph
Size: 150ul , Concentration: 1900 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3921	CloneNo.: 2A9A1
Source: Mouse	UNIPROT ID: P08865	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:400-1:1600
Isotype: IgM	Full Name: ribosomal protein SA	
Immunogen Catalog Number: AG6190	Calculated MW: 33 kDa	
	Observed MW: 37-40 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, COLO 320 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells
Cited Applications: WB	IHC : human lung cancer tissue,
Species Specificity: human, mouse, rat	IF/ICC : HepG2 cells,
Cited Species: human, mouse, hamster	
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

The ribosomal protein SA (RPSA), previously named 67 kD laminin receptor(67LR), 37 kD laminin receptor precursor (37LRP) and p40 ribosome-associated protein, is a multifunctional protein, that plays a role in a number of pathological processes, such as cancer and prion diseases. It is overexpressed in various cancer cell lines, and the level of the laminin receptor transcript is higher in colon carcinoma tissue and lung cancer cell line than their normal counterparts.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiangwei Shi	39000311	Int J Mol Sci	WB
Lele Li	37070131	J Cell Mol Med	WB

Storage

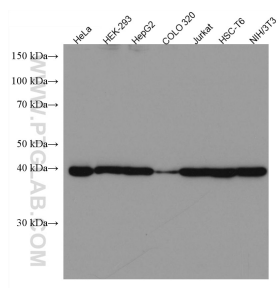
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

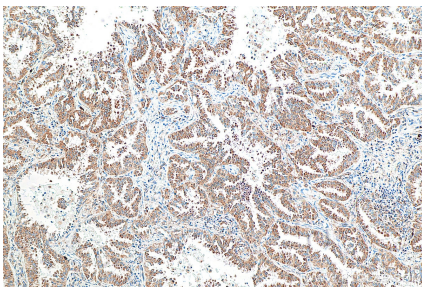
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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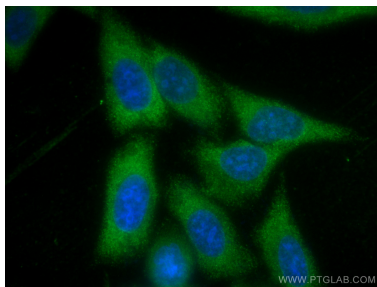
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67324-1-Ig (LAMR1/RPSA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67324-1-Ig (LAMR1/RPSA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using LAMR1/RPSA antibody (67324-1-Ig, Clone: 2A9A1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).