

67kDa Laminin Receptor Rabbit mAb

Catalog No: #49319

Package Size: #49319-1 50ul #49319-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	67kDa Laminin Receptor Rabbit mAb
Clone No.	JF0955
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	34/67 kDa laminin receptor antibody 37 kDa laminin receptor precursor antibody 37/67 kDa laminin receptor antibody 37LRP antibody 40S ribosomal protein SA antibody 67 kDa laminin receptor antibody 67LR antibody Colon carcinoma laminin binding protein antibody Colon carcinoma laminin-binding protein antibody LAMBR antibody Laminin receptor 1 antibody Laminin-binding protein precursor p40 antibody LAMR 1 antibody LamR antibody LAMR1 antibody LBP antibody LBP/p40 antibody LRP antibody LRP/LR antibody Multidrug resistance associated protein MGr1 Ag antibody Multidrug resistance associated protein MGr1Ag antibody Multidrug resistance-associated protein MGr1-Ag antibody NEM/1CHD4 antibody p40 antibody Ribosomal Protein SA antibody rpsA antibody RSSA_HUMAN antibody SA antibody
Accession No.	Swiss-Prot#:P08865
Uniprot	P08865
GeneID	3921;
Calculated MW	40 kDa
Concentration	1 mg/ml
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

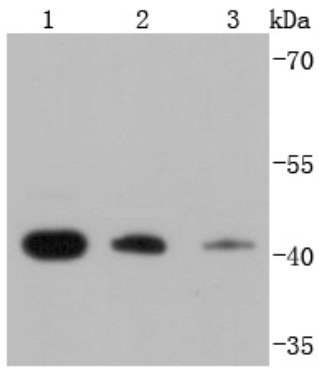
WB: 1:1,000-1:2,000

IHC: 1:50-1:200

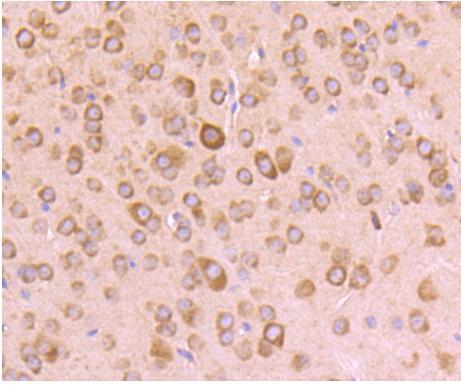
ICC: 1:100-1:500

FC: 1:50-1:100

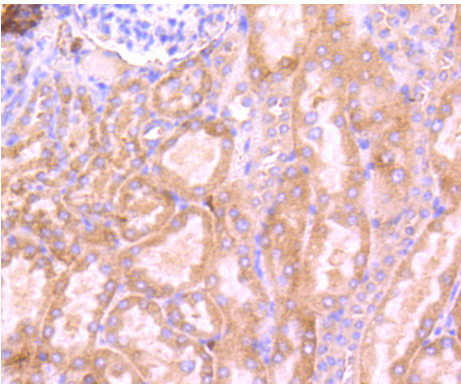
Images



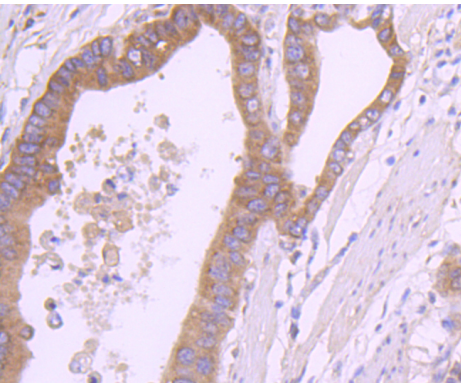
Western blot analysis of RPSA on different lysates using anti-RPSA antibody at 1/1,000 dilution. Positive control: Lane 1: K562 Lane 2: HepG2 Lane 3: A431



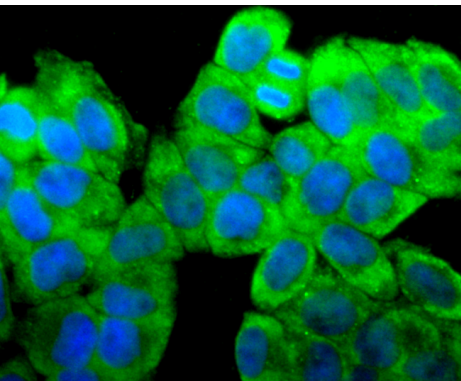
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-RPSA antibody. Counter stained with hematoxylin.



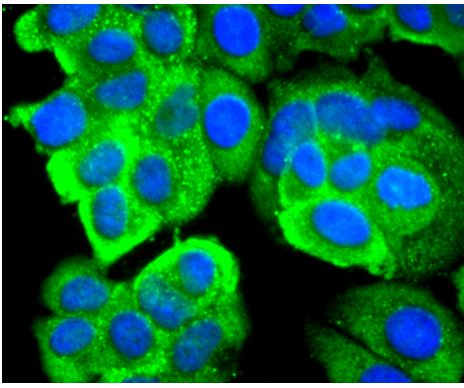
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-RPSA antibody. Counter stained with hematoxylin.



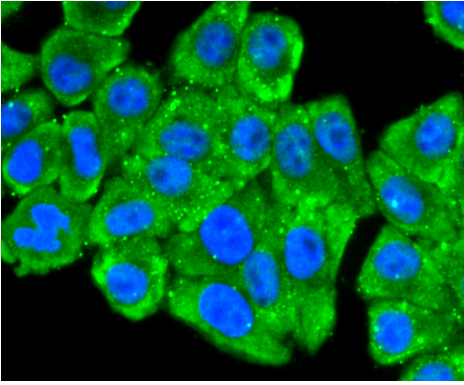
Immunohistochemical analysis of paraffin-embedded human gastric carcinoma tissue using anti-RPSA antibody. Counter stained with hematoxylin.



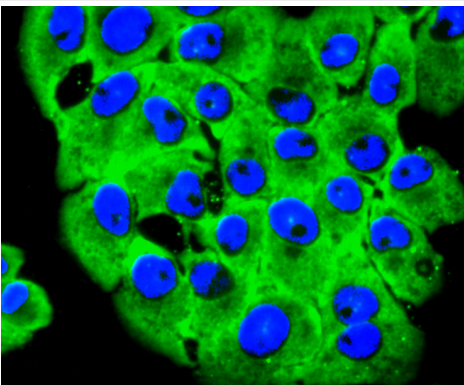
ICC staining RPSA in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



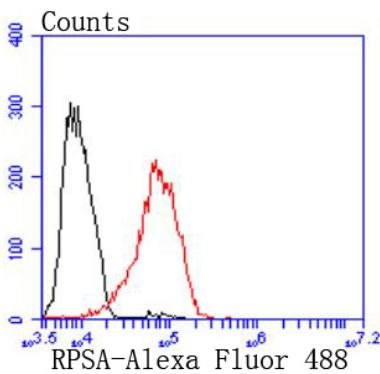
ICC staining RPSA in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining RPSA in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining RPSA in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of MCF-7 cells with RPSA antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

Laminin receptor (Laminin-R) has a heterodimeric structure similar to that of receptors for other extracellular matrix proteins such as Fibronectin and Vitronectin. Incorporation of Laminin-R into lysosomal membranes makes it possible for lysosomes to attach to surfaces coated with Laminin. This and other properties identify Laminin-R as a member of the integrin family of cell adhesion receptors. The Laminin-R precursor is a polypeptide whose expression is consistently upregulated in aggressive carcinoma. The precursor, which is also identified as p40 ribosome-associated protein, appears to be a multifunctional protein involved in the translational machinery. Laminin-R (also known as colon carcinoma laminin-binding protein) and is found at nine-fold higher levels in colon carcinoma than in adjacent normal colonic epithelium. Additionally, the level of the Laminin-R is higher in the lung cancer cell line than in the lung cell line.

Note: This product is for in vitro research use only