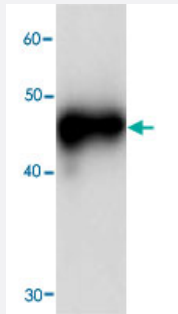


RPSA monoclonal antibody, clone 69j0

Catalog # MAB8870

Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis in RPSA recombinant protein with RPSA monoclonal antibody, clone 69j0 (Cat # MAB8870) at 1 : 1000 dilution.

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant RPSA.

Amount 100 uL

Immunogen Recombinant protein corresponding to full length human RPSA.

Host Mouse

Reactivity Human

Specificity This antibody recognizes LR expression in Hela whole cell lysate.

Form Liquid

Purification Affinity purification

Concentration 1 ug/uL

Isotype IgG1

Recommend Usage The optimal working dilution should be determined by the end user.

Storage Buffer In citrate-Tris-HCl, pH7.0 (0.02% Proclin 300)

Storage Instruction

Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

Western blot analysis in RPSA recombinant protein with RPSA monoclonal antibody, clone 69j0 (Cat # MAB8870) at 1 : 1000 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RPSA

Entrez GeneID	3921
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Protein Accession#	NM_002295.4
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Gene Name	RPSA
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Gene Alias	37LRP, 67LR, LAMBR, LAMR1, LRP, p40
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Gene Description	ribosomal protein SA
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Omim ID	150370
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Gene Ontology	Hyperlink
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Gene Summary

Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Many of the effects of laminin are mediated through interactions with cell surface receptors. These receptors include members of the integrin family, as well as non-integrin laminin-binding proteins. This gene encodes a high-affinity, non-integrin family, laminin receptor 1. This receptor has been variously called 67 kD laminin receptor, 37 kD laminin receptor precursor (37LRP) and p40 ribosome-associated protein. The amino acid sequence of laminin receptor 1 is highly conserved through evolution, suggesting a key biological function. It has been observed that the level of the laminin receptor transcript is higher in colon carcinoma tissue and lung cancer cell line than their normal counterparts. Also, there is a correlation between the upregulation of this polypeptide in cancer cells and their invasive and metastatic phenotype. Multiple copies of this gene exist, however, most of them are pseudogenes thought to have arisen from retropositional events. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations	67kD, ribosomal protein SA laminin receptor 1 (67kD, ribosomal protein SA)
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Pathway

- [Ribosome](#)