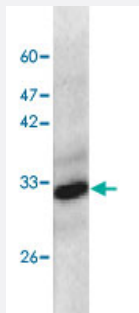


RPSA monoclonal antibody, clone 16

Catalog # MAB9942

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa whole cell lysate with RPSA monoclonal antibody, clone 16 (Cat # MAB9942).

Specification

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

Immunogen Recombinant protein corresponding to full length human RPSA.

Host Mouse

Reactivity Human

Specificity It can expression in HeLa whole cell lysate.

Form Liquid

Purification Affinity purification

Isotype IgG2a

Recommend Usage Western blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa whole cell lysate with RPSA monoclonal antibody, clone 16 (Cat # MAB9942).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RPSA

Entrez GeneID [3921](#)

GeneBank Accession# [NM_002295.4](#)

Protein Accession# [NP_002286.2](#)

Gene Name RPSA

Gene Alias 37LRP, 67LR, LAMBR, LAMR1, LRP, p40

Gene Description ribosomal protein SA

Omim ID [150370](#)

Gene Ontology [Hyperlink](#)

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)

Pathway

- [Ribosome](#)