

Mouse anti-Human Laminin Receptor/ RPSA Monoclonal Antibody | anti-RPSA antibody

Laminin Receptor/ RPSA (Marker of Metastatic Potential) Recombinant Mouse Monoclonal Antibody [Clone rRPSA/6333]

CATALOG # AAA215772	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Laminin Receptor/ RPSA; Monoclonal Antibody; Laminin Receptor/ RPSA (Marker of Metastatic Potential) Recombinant Mouse Monoclonal Antibody [Clone rRPSA/6333]; Laminin Receptor/ RPSA (Marker of Metastatic Potential); 34/67kDa Laminin Receptor; 37kDa Laminin Receptor precursor; 37/67kDa Laminin Receptor; 37LRP; 40S Ribosomal Protein SA; 67kDa Laminin Receptor; 67LR; Colon Carcinoma Laminin-binding Protein; LAMBR; Laminin receptor 1; Laminin-binding Protein precursor p40; LAMR1; LBP/p40; LRP/LR; Multidrug resistance-associated protein MGr1-Ag; NEM/1CHD4; Ribosomal Protein SA (RPSA); anti-RPSA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	rRPSA/6333
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-RPSA antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant full-length human RPSA protein
Cellular Localization	Cell Surface, Cytoplasmic and Nuclear
Positive Control	MCF-7, MDA-MB-453 or HEK293 cells. Human breast, colon or ovarian carcinoma.
Hu-chromosome Location	3p22.1
Unigene	449909
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human colonstained with Laminin Receptor Recombinant
Mouse Monoclonal Antibody (rRPSA/6333).

ADDITIONAL INFORMATION

Related Product Information for anti-RPSA antibody	Laminins, a family of extracellular matrix glycoproteins, are the major non-collagenous 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. Reportedly, level of 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9845502
NCBI GeneID	3921
NCBI Accession #	NP_002286
NCBI GenBank Nucleotide #	NM_002295.5
UniProt Accession #	P08865; P11085; P12030; Q16471; Q6IPD1; Q6IPD2; Q6NSD1; Q6NXQ8; Q86VC0
Molecular Weight	Predicted: 32 kDa Observed: 38 kDa
NCBI Official Full Name	40S ribosomal protein SA isoform 1
NCBI Official Synonym Full Names	ribosomal protein SA
NCBI Official Symbol	RPSA
NCBI Official Synonym Symbols	SA; LBP; LRP; p40; 67LR; ICAS; lamR; 37LRP; LAMBR; LAMR1; LRP/LR; LBP/p40; NEM/1CHD4
NCBI Protein Information	40S ribosomal protein SA; 37 kDa laminin receptor; 67 kDa laminin receptor; 37/67 kDa laminin receptor; laminin-binding protein precursor p40; colon carcinoma laminin-binding protein; laminin receptor 1 (67kD, ribosomal protein SA); multidrug resistance-a
UniProt Protein Name	40S ribosomal protein SA
UniProt Gene Name	RPSA
UniProt Entry Name	RSSA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/laminin-receptor-rpsa-antibody-clone-rrpsa-6333-immunohistochemistry-elisa/215772>