

Mouse Laminin-R/RPSA Monoclonal Antibody | anti-R/RPSA antibody

Laminin-R/RPSA (BSB-144)

CATALOG # AAA59380	HOST Mouse	REACTIVITY Human, Mouse, Rat
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PRODUCT SYNONYMS

Laminin-R/RPSA; Monoclonal Antibody; Laminin-R/RPSA (BSB-144); lamin-r; lamin r; anti-lamin-r; anti-lamin r; RPSA; anti-rpsa; anti-R/RPSA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BSB-144
Form/Format	Paraffin, Frozen Laminin-R is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Synthetic peptide corresponding to the internal region of the human Laminin-R protein.
Control	Placenta, Kidney, Prostate, Tonsil, Spleen, Transitional Cell Carcinoma, T Cell Lymphoblastic Lymphoma
Localization	Cytoplasmic, Membranous
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

Laminin-R Antibody Immunohistochemistry on an FFPE Colon Carcinoma Tissue



Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-R/RPSA antibody

Laminin receptor (Ribosomal Protein SA or 67LR) is a 67kDa protein in the extracellular matrix, coded by a 5,833 bp gene on Chromosome 3, containing seven exons and six introns. Laminin-R is involved in cellular adhesion to basement membranes and signal transduction pathways after binding the ligand Integrin-1. The receptor is also involved in pathways of cytoskeletal movement, chromatin structure, cellular migration, stress response, ribosomal function, translation, and rRNA processing. Laminin-R is also a receptor for green tea polyphenol and mediator in the Nitrous Oxide (eNOS) pathways used to force cancer cells into apoptosis. The 37kDa precursor protein, known also as p40, is a highly-conserved protein in the 40S ribosomal subunit.

Laminin-R antibody has been found to be overexpressed in Breast, Colorectal, Pancreatic, Prostate, and Cervical Cancer, and in Lymphomas. Laminin-R interacts with cyclin-dependent kinases and inhibitors to control G1/S, S/G2 and G2/M phase cell cycle arrest; down-regulation of the receptor is correlated with arrested cell growth and a reduction in the development of tumors. Laminin-R has also been found to be involved in regulation of Survivin expression, as well as cancer metastasis and drug resistance

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-r-rpsa-antibody-clone-bsb-144-elisa/59380>