

Mouse Laminin Monoclonal Antibody | anti-LAMC2 antibody

Mouse anti Laminin Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71320	Mouse	Human, Rat, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

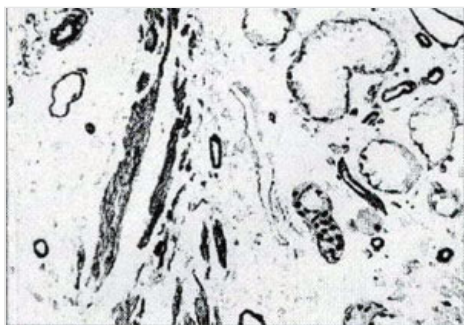
PRODUCT SYNONYMS

Laminin; Monoclonal Antibody; Mouse anti Laminin Monoclonal Antibody; beta; LAMB1; anti-LAMC2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG2b.k
Clone Number	PM412
Specificity	This antibody recognizes ~200-300 kDa kDa of human Laminin protein. It cross reacts with human, mouse and rat tissues.
Purity/Purification	Purified by Protein A-Affinity Chromatography according to Isotyping
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-LAMC2 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Antigen Preparation	Purified recombinant partial length of human Laminin protein
Positive Control	Lung
Cellular location	Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C - 8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



IHC (Immunohistochemistry)

IHC: Human lung tissue FFPE slides stained with mouse anti-Laminin monoclonal antibody (AAA71320) at 1:200 for 10 min @ RT. Visualized by using DAB chromogen color system.

Note: Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMC2 antibody	Laminin family consists of 5 subunits ,A B1,B2 M and S. Laminin is a ubiquitous non-collagenous connective tissue glycoprotein that is a major constituent of basement membranes. It is broadly expressed in: skin, heart, lung, and the reproductive tracts. The expression of laminin (Ln)alpha1-chain in developing and adult human tissues In both fetal and adult kidney, a distinct immunoreactivity was seen in basement membranes (BM). The laminin A chain is present in epithelial, endothelial, and smooth muscle basement membranes. The laminin protein can be phosphorylated in Hela cells by EGF stimulation in vitro
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34232
NCBI GeneID	3918
UniProt Accession #	Q13753; Q02536; Q02537; Q13752; Q14941; Q14DF7; Q2M1N2; Q5VYE8
Molecular Weight	>200 kDa
NCBI Official Full Name	Laminin
NCBI Official Synonym Full Names	laminin subunit gamma 2
NCBI Official Symbol	LAMC2
NCBI Official Synonym Symbols	B2T; CSF; EBR2; BM600; EBR2A; LAMB2T; LAMNB2
NCBI Protein Information	laminin subunit gamma-2
UniProt Protein Name	Laminin subunit gamma-2
UniProt Gene Name	LAMC2
UniProt Synonym Gene Names	LAMB2T; LAMNB2; CSF 140 kDa subunit

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.