

Mouse anti-Human LAMB1 Antibody | anti-LAMB1 antibody

LAMB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108527	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

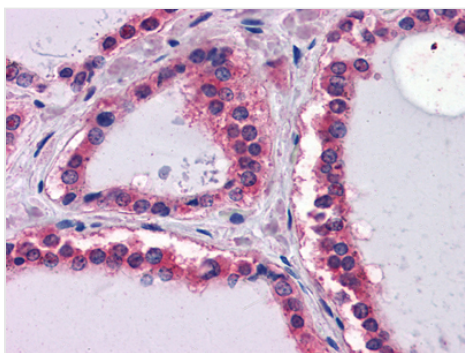
PRODUCT SYNONYMS

LAMB1; LAMB1 Antibody; CLM; MGC142015; anti-LAMB1 antibody

PRODUCT SPECIFICATIONS

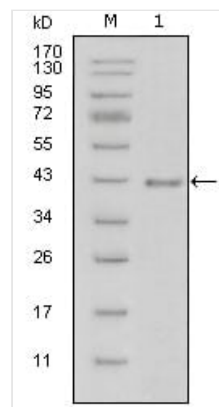
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	2D9G5
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1786
Applicable Applications for anti-LAMB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of LAMB1 (aa31-270) expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human Thyroid tissues using LAMB1 mouse mAb



WB (Western Blot)

Figure 1. Western blot analysis using LAMB1 mouse mAb against truncated LAMB1-His recombinant protein (1).

ADDITIONAL INFORMATION

Related Product Information for anti-LAMB1 antibody	LAMB1. laminin, beta 1. 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. Laminins are composed of 3 non identical chains. laminin alpha, beta and gamma (formerly A, B1, and B2, respectively) and they form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. Different alpha, beta and gamma chain isomers combine to give rise to different heterotrimeric laminin isoforms which are designated by Arabic numerals in the order of their discovery, i.e. alpha1beta1gamma1 heterotrimer is laminin 1. The biological functions of the different chains and trimer molecules are largely unknown, but some of the chains have been shown to differ with respect to their tissue distribution, presumably reflecting diverse functions in vivo. This gene encodes the beta chain isoform laminin, beta 1.
Product Categories/Family for anti-LAMB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614504
NCBI GeneID	3912
NCBI Accession #	NP_002282.2
NCBI GenBank Nucleotide #	NM_002291.2
UniProt Accession #	P07942; Q14D91
Molecular Weight	198,038 Da
NCBI Official Full Name	laminin subunit beta-1
NCBI Official Synonym Full Names	laminin subunit beta 1
NCBI Official Symbol	LAMB1
NCBI Official Synonym Symbols	CLM; LIS5
NCBI Protein Information	laminin subunit beta-1
UniProt Protein Name	Laminin subunit beta-1
UniProt Gene Name	LAMB1

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/mouse-human-antibody/lamb1/108527>