

For Research Use Only

LAMB2 Polyclonal antibody, PBS Only

Catalog Number: 30943-1-PBS



Basic Information

Catalog Number: 30943-1-PBS	GenBank Accession Number: NM_002292.3	Purification Method: Antigen affinity Purification
Size: 1 mg/ml	GeneID (NCBI): 3913	
Source: Rabbit	UNIPROT ID: P55268	
Isotype: IgG	Full Name: laminin, beta 2 (laminin 5)	
Immunogen Catalog Number: AG33468	Calculated MW: 196 kDa	
	Observed MW: 195-200 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

LAMB2 (laminin subunit beta 2), also known as LAMS. 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, composed of 3 non identical chains: laminin alpha, beta and gamma (formerly A, B1, and B2, respectively), form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. This gene encodes the beta chain isoform laminin, beta 2. It is enriched in the basement membrane of muscles at the neuromuscular junctions, kidney glomerulus and vascular smooth muscle. Transgenic mice in which the beta 2 chain gene was inactivated by homologous recombination, showed defects in the maturation of neuromuscular junctions and impairment of glomerular filtration. The calculated molecular weight of LAMB2 is 200 kDa.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

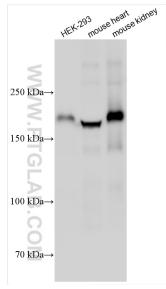
T: 4006900926

E: Proteintech-CN@ptglab.com

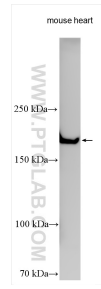
W: ptgcn.com

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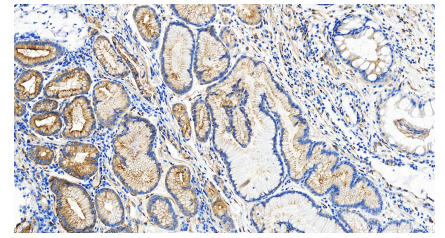
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30943-1-AP (LAMB2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30943-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 30943-1-AP (LAMB2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30943-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 30943-1-AP (LAMB2 antibody) at dilution of 1:1500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30943-1-PBS in a different storage buffer formulation.