For Research Use Only

LAMA1 Recombinant monoclonal antibody

Catalog Number:88969-1-RR

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Basic Information

Catalog Number:
88969-1-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG29329

GenBank Accession Number:
NM_005559

GeneID (NCBI):
284217

UNIPROT ID:
P25391

Full Name:
laminin, alpha 1

Calculated MW:
337 kDa

Observed MW:
337 kDa

Purification Method:
Protein A purification

CloneNo.:
262008A8

Recommended Dilutions:
WB: 1:500-1:2000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HeLa cells, U2OS cells

Background Information

LAMA1 is also known as laminin subunit α1. Laminins are a family of glycoproteins found in the extracellular matrix that comprises the basement membrane. Laminins have a heterotrimeric structure composed of an α, β, and γ chain. Numerous biological processes are known to be directed by them, including cell adhesion, mitogenesis, differentiation, and metastasis, all of which contribute to carcinogenesis. Tissue distribution of LAMA1 occurred mainly in early epithelial development and some adult epithelia. Recent reports have shown that laminin-1 acts as an efficient attachment protein for a large variety of cultured cell types in vitro. (PMID: 36824663)

Storage

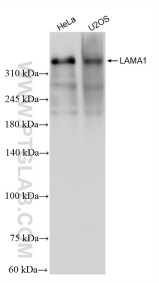
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88969-1-RR (LAMA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.