

For Research Use Only

LAMA1 Recombinant monoclonal antibody

Catalog Number: 88969-1-RR



Basic Information

Catalog Number: 88969-1-RR	GenBank Accession Number: NM_005559	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 284217	CloneNo.: 262008A8
Isotype: IgG	UNIPROT ID: P25391	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: AG29329	Full Name: laminin, alpha 1	
	Calculated MW: 337 kDa	
	Observed MW: 337 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, U2OS cells
Species Specificity: human	

Background Information

LAMA1 is also known as laminin subunit α 1. 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

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

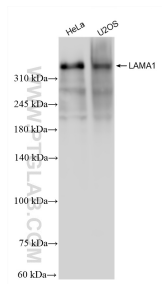
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Selected Validation Data



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.