

For Research Use Only

Mouse Entactin Recombinant monoclonal antibody, PBS Only

Catalog Number: 86456-1-PBS



Basic Information

Catalog Number:	86456-1-PBS	GenBank Accession Number:	NM_010917.3	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	18073	CloneNo.:	251203H4
Source:	Rabbit	UNIPROT ID:	P10493		
Isotype:	IgG	Full Name:	nidogen 1		
Immunogen Catalog Number:	EG3030	Calculated MW:	137 kDa		
		Observed MW:	150 kDa		

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

Nidogen 1 (Entactin), first identified from a basement membrane-secreting cell line and the murine EHS tumor, is together with perlecan, laminin, and collagen IV, a ubiquitous component of basement membranes (PMID: 19530222). Nidogen-1 is made by mesenchymal cells and is incorporated into the epithelial BM. It is a sulfated glycoprotein of 150 kDa with three globular domains, G1, G2 and G3, and contains binding sites for other ECM molecules (PMID: 10958695, 10671374).

Storage

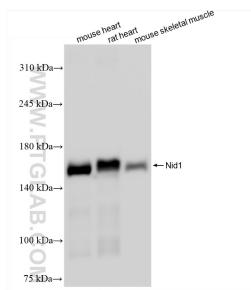
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86456-1-RR (Entactin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86456-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse heart tissue using Entactin antibody (86456-1-RR, Clone: 251203H4) at dilution of 1:500 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86456-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 86456-1-RR (Entactin antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86456-1-PBS in a different storage buffer formulation.