

For Research Use Only

Entactin Recombinant monoclonal antibody

Catalog Number: 86456-1-RR



Basic Information

Catalog Number:	86456-1-RR	GenBank Accession Number:	NM_010917.3	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenelD (NCBI):	18073	CloneNo.:	251203H4
Source:	Rabbit	UNIPROT ID:	P10493	Recommended Dilutions:	WB: 1:5000-1:50000 IHC: 1:2000-1:8000 IF-P: 1:250-1:1000
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, ELISA	Positive Controls:	
Species Specificity:	mouse, rat	WB:	mouse heart tissue, rat heart tissue, mouse skeletal muscle tissue
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC :	mouse heart tissue,
		IF-P:	mouse heart tissue,

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

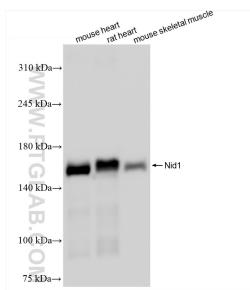
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

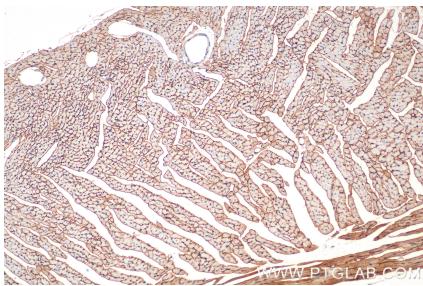
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.



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).