

For Research Use Only

Nidogen 2 Recombinant monoclonal antibody

Catalog Number: 85299-5-RR



Basic Information

Catalog Number: 85299-5-RR	GenBank Accession Number: BC035608	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 22795	CloneNo.: 252350A4
Isotype: IgG	UNIPROT ID: Q14112	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG4643	Full Name: nidogen 2 (osteonidogen)	
	Calculated MW: 1375 aa, 151 kDa	
	Observed MW: 200 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue,
Species Specificity: human, mouse	

Background Information

Nidogen, also referred to as entactin, represents a highly conserved protein in vertebrates and invertebrates and is found in almost all basement membranes (BM). Nidogen-1 (150 kDa) and nidogen-2 (200 kDa) are elongated molecules composed of three globular domains (G1, G2, and G3) connected by a flexible, protease-sensitive link and a rigid rod-like domain. Western blot analysis of protein extracts of heart, lung, and skeletal muscle of mice, major bands of about 200 kDa were detected, accompanied by smaller and variable bands of 160-170 kDa. (PMID: 12215539)

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:

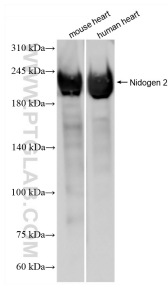
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85299-5-RR (NID2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.