

For Research Use Only

# Nidogen 2 Recombinant monoclonal antibody

Catalog Number: 85299-5-RR



## Basic Information

<b>Catalog Number:</b> 85299-5-RR	<b>GenBank Accession Number:</b> BC035608	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22795	<b>CloneNo.:</b> 252350A4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14112	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> nidogen 2 (osteonidogen)	
<b>Immunogen Catalog Number:</b> AG4643	<b>Calculated MW:</b> 1375 aa, 151 kDa	
	<b>Observed MW:</b> 200 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse heart tissue,
<b>Species Specificity:</b> 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

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

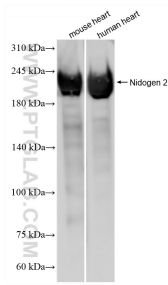
For technical support and original validation data for this product please contact:

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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.