

For Research Use Only

Nidogen 2 Recombinant monoclonal antibody, PBS Only

Catalog Number:85299-5-PBS



Basic Information

Catalog Number:

85299-5-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4643

GenBank Accession Number:

BC035608

GeneID (NCBI):

22795

UNIPROT ID:

Q14112

Full Name:

nidogen 2 (osteonidogen)

Calculated MW:

1375 aa, 151 kDa

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

252350A4

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

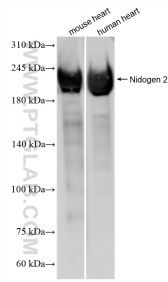
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 85299-5-PBS in a different storage buffer formulation.