

International Office

Everest Biotech Ltd Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

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EB06327 - Goat Anti-PITPNM / PITPNM1 Antibody 🍏

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: PITPNM, NIR2, DRES9, phosphatidylinositol transfer protein, membrane-associated, Drosophila retinal degeneration B, PYK2 N-terminal domain-interacting receptor 2, PITPNM1, FLJ44997, RDGB, RDGB1, RDGBA, RDGBA1, Rd9, phosphatidylinositol transfer protein, membrane-associated, retinal degeneration B alpha 1 Official Symbol: PITPNM1

Accession Number(s): NP_004901.2; NP_001124320.1 Human GenelD(s): <u>9600</u> Non-Human GenelD(s): 18739 (mouse) Important Comments: This antibody is expected to recognise both reported isoforms.

Immunogen

Peptide with sequence C-KARSISLKLDSEE, from the C Terminus of the protein sequence according to NP_004901.2; NP_001124320.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

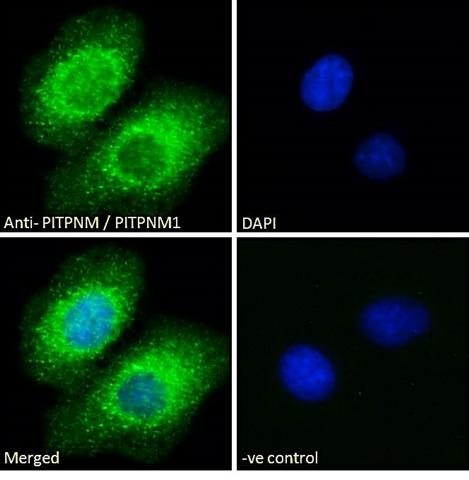
Peptide ELISA: antibody detection limit dilution 1:8000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and endoplasmic reticulum of A549 cells. Recommended concentration: 10µg/ml.

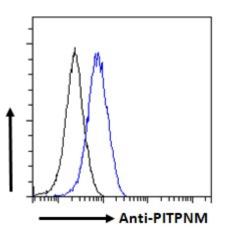
Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Dog, Cow



EB06327 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and Endoplasmic Reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06327 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.