

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(s):** [9600](#)

**Non-Human GeneID(s):** 18739 (mouse)

**Important Comments:** This antibody is expected to recognise both reported isoforms.

### Immunogen

Peptide with sequence C-KARSISLKLDSSEE, 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.

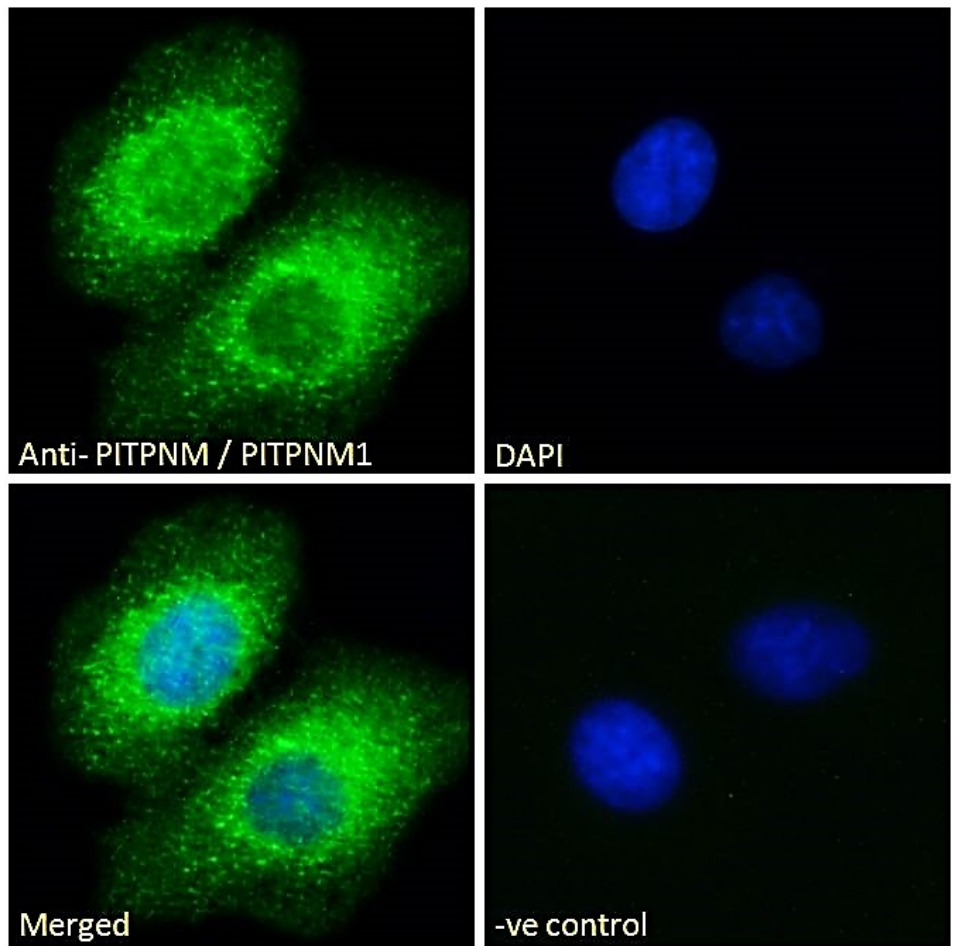
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm and endoplasmic reticulum of A549 cells. Recommended concentration: 10µg/ml.

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

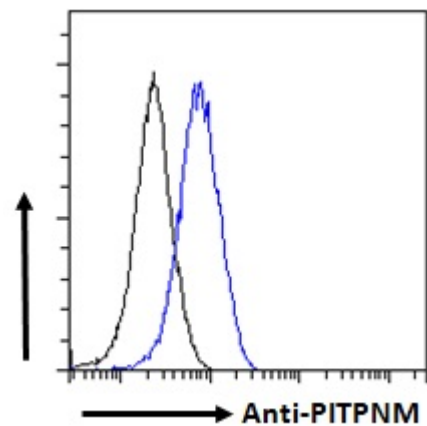
### Species Reactivity

**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.