

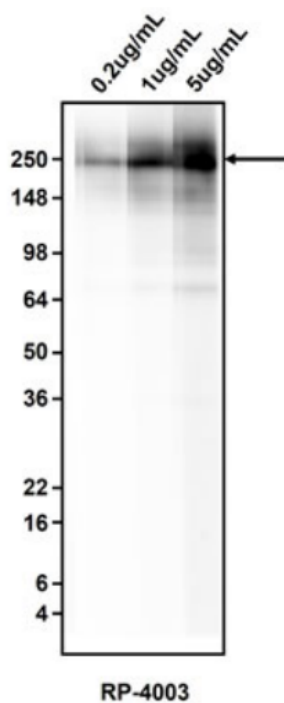
PRODUCT DATASHEET

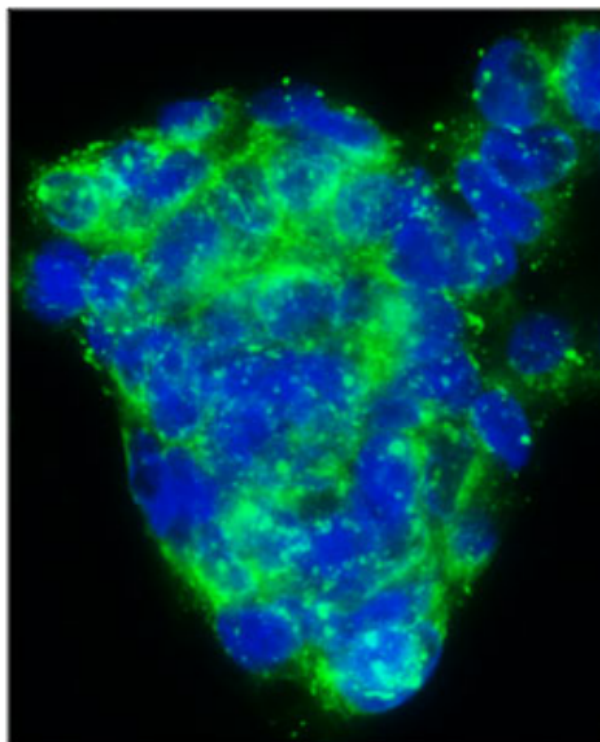
Anti-Fibronectin Antibody

Overview

Catalog #	RP-4003 (100 µL size) or RP-4003-20 (20 µL size)
Conjugate	Unconjugated
Isotype	IgG
Concentration	1 mg/mL
Host Species	Rabbit Polyclonal
Format	Purified by Protein A Chromatography
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Applications	IHC, ICC, WB, ELISA
Species Reactivity	Human
Immunogen	Purified human Fibronectin from human plasma
Molecular Weight	200-220 kDa
Cite this Antibody	Pel-Freez Biologicals Cat# RP-4003, RRID: AB_3095383

Figures





Western blotting of HepG2 cell lysate using Immunofluorescent staining of HepG2 cells using 5 ug/mL rabbit anti-fibronectin antibody (RP-4003) (green). The cells 0.2 ug/mL, 1 ug/mL, or 5 ug/mL Pel-Freez Biologicals rabbit anti-fibronectin antibody (RP-4003) were mounted with Pel-Freez Biologicals Fluoroshield with DAPI mounting medium (Cat#AR-6501). DAPI nuclear stain 4003). RP-4003 rabbit anti-fibronectin antibody (blue) shows cell nuclei. Anti-fibronectin stains the membrane recognizes endogenous fibronectin at 200 kDa. of HepG2 cells. ferritin in the cytoplasm of HepG2 cells.

Details

Target Description

Fibronectin is a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and extracellular matrix. Fibronectin is involved in cell adhesion and migration process including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. They also occur as dimers of two 200 kDa subunits. Fibronectin has been implicated in carcinoma development in lung cancer. Fibronectin expression is increased especially in non-small cell lung carcinoma. The adhesion of lung carcinoma cells to Fibronectin enhances tumorigenicity and confers resistance to apoptosis induced by standard chemotherapeutic agents.

Specificity

No cross-reactivity reported

Purification Method

Prepared from pooled rabbit serum by Protein A affinity chromatography.

Quality Control Tests

Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

Note: For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.

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