

PRODUCT DATASHEET

Anti-Fibronectin Antibody FL490 Conjugate

Overview

Catalog #	RP-4003-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Rabbit Polyclonal
Format	Purified by Protein A Chromatography
Buffer	PBS with 0.09% azide
Applications	IHC, ICC
Species Reactivity	Human
Immunogen	Purified human Fibronectin from human plasma
Molecular Weight	200-220 kDa
Cite this Antibody	Pel-Freez Biologicals Cat# RP-4003-FL490, RRID: AB_3095384

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
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Purification Method	Prepared from pooled rabbit serum by Protein A affinity chromatography and conjugation of purified antibody.
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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.
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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.
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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.

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