Fibronectin (plasma) (human) monoclonal antibody (BF12)

Fibronectins are high molecular weight, disulphide-linked, dimeric cell adhesion glycoproteins found in basement membranes and in the interstitial connective tissue matrix. A single fibronectin gene is subject to alternative splicing in a cell-type-, development- and age-regulated manner which gives rise to multiple molecular forms. In addition to their prominent role in adhesion, fibronectins have been reported to mediate various aspects of cellular interaction, including migration during development and wound-healing, haemostasis, and the regulation of cell growth and differentiation. Cellular fibronectins (cFn) are found in low amounts in normal human plasma and tissues, but they are abundant in the plasma of carcinoma patients and in the stroma of various carcinomas. In contrast, a soluble form of fibronectin produced by hepatocytes is readily detectable in plasma and becomes deposited in pericellular matrices and within tissues. This form of fibronectin, referred to as ‘plasma fibronectin’ (pFn), differs from cFn by the absence of an amino acid sequence, known as extra domain A1.

This antibody is covered by our Worry-Free Guarantee.

Ordering Information

Order Online »

BML-FG6020-0100	100µl

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	pFn
Application	ICC, WB
Application Notes	Detects a band of ~225-250kDa by Western blot.
Clone	BF12
Formulation	Liquid. In PBS containing 0.1% sodium azide and 1mg/mL BSA.
Host	Mouse
Immunogen	Purified fibronectin from A8387 fibrosarcoma cells.
Isotype	IgG1
Purity Detail	Protein A affinity chromatography.
Species Reactivity	Human
Specificity	Recognizes the cell binding region of fibronectin.
UniProt ID	P02751
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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