

À des fins de recherche uniquement

Anticorps Monoclonal anti-Fibronectin



Numéro de catalogue: 66042-1-Ig

Phare

70 Publications

Informations de base

Numéro de catalogue:

66042-1-Ig

Numéro d'acquisition GenBank:

BC005858

Méthode de purification:

Purification par protéine G

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 516 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

2335

CloneNo.:

1G10F9

Hôte:

Mouse

Nom complet:

fibronectin 1

Dilutions recommandées:

WB 1:2000-1:12000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

Isotype:

IgG1

MW calculé

2386 aa, 263 kDa

IHC 1:300-1:1200

IF 1:50-1:500

Immunogen Catalog Number:

AG8016

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu plasmatique humain, tissu cérébral humain, tissu hépatique humain, tissu sérique de rat

IP : tissu plasmatique humain,

IHC : tissu de cancer du côlon humain, tissu de cancer du sein humain

IF : cellules NIH/3T3, tissu de cancer du côlon humain

Informations générales

Fibronectin 1 (FN1) is a high molecular weight glycoprotein which exists in both a soluble form in plasma (plasma FN1) and other body fluids and an insoluble form in the extracellular matrix (cellular FN1). Plasma FN1 (dimeric form) is secreted by hepatocytes. Cellular FN (dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. FN1 binds to cell surfaces through integrins and to various compounds including collagen, fibrin and heparin. It is involved in cell adhesion and migration processes including embryogenesis, wound healing, hemostasis, host defense, and metastasis. (PMID: 7276612; 12244123; 12847088)

Publications notables

Autrice	Pubmed ID	Journal	Application
Fan Zhang	34597680	Exp Cell Res	IF,IHC,WB
Yao Liu	36169036	Phytochemistry	WB
Silvia Specia	34529707	PLoS One	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

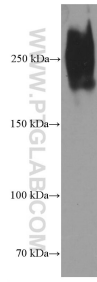
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

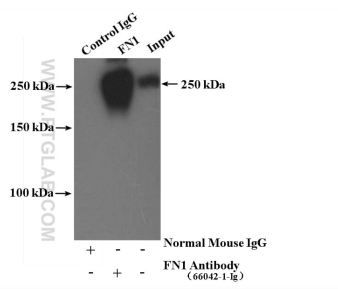
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

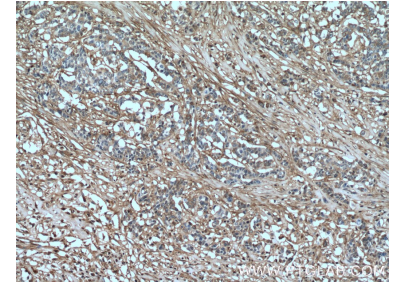
Données de validation sélectionnées



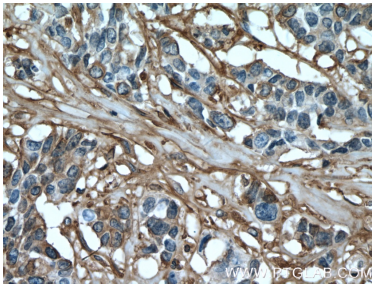
human plasma were subjected to SDS PAGE followed by western blot with 66042-1-Ig (Fibronectin antibody at dilution of 1:6000 incubated at room temperature for 1.5 hours.



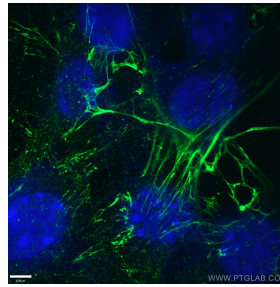
IP Result of anti-Fibronectin (IP:66042-1-Ig, 5ug; Detection:66042-1-Ig 1:500) with human plasma lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66042-1-Ig (Fibronectin antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66042-1-Ig (Fibronectin antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using 66042-1-Ig(Fibronectin antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).