

À des fins de recherche uniquement

Anticorps Monoclonal anti-FAK

Numéro de catalogue: 66258-1-Ig

Phare

30 Publications



Informations de base

Numéro de catalogue: 66258-1-Ig	Numéro d'acquisition GenBank: BC028733	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2592 µg/ml by Nanodrop and 1427 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5747	CloneNo.: 2C5B9
Hôte: Mouse	Nom complet: PTK2 protein tyrosine kinase 2	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:200-1:800
Isotype: IgG2c	MW calculé: 1052 aa, 119 kDa	
Immunogen Catalog Number: AG17966	MW observés: 110 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, 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; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HCT 116, cellules HeLa, cellules HepG2, cellules Jurkat, cellules K-562, cellules MCF-7, cellules NIH/3T3, cellules RAW 264.7, cellules ROS1728, tissu testiculaire humain

IHC : tissu de cancer du sein humain,

IF : cellules HUVEC, cellules A549

Informations générales

FAK (Focal adhesion kinase 1) is also named as FAK1, FADK, pp125FAK, FAK and belongs to the protein kinase superfamily. It is a critical tyrosine kinase that modulates cell adhesion, migration, proliferation and survival in response to extracellular signals (PMID:19664602). It also acts as a pivotal signal 'integrator', controlling and coordinating cellular responses that include cell migration, survival, proliferation and, epithelial tissue repair after DNA damage (PMID:20966971). This protein has some isoforms produced by alternative promoter usage and alternative splicing, and the range of the molecular weights are 100-120kD and 40-60kD.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiao Wu	34517345	Aging (Albany NY)	WB
Olga Alekhina	27789711	J Biol Chem	WB
Andreas Ritter	31640218	Cells	IF

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.

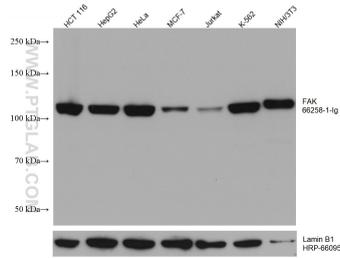
For technical support and original validation data for this product please contact:

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

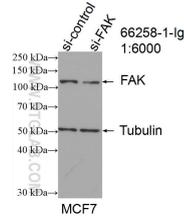
E: proteintech@ptglab.com
W: ptglab.com

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

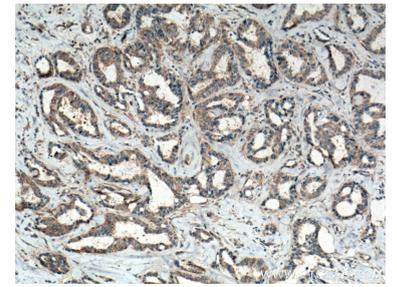
Données de validation sélectionnées



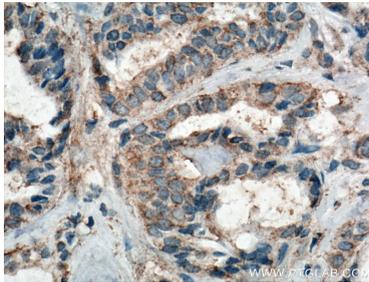
Various lysates were subjected to SDS PAGE followed by western blot with 66258-1-Ig (FAK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



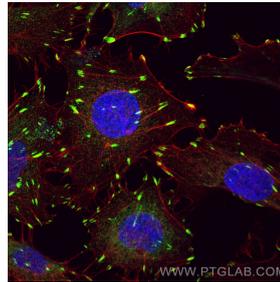
WB result of FAK antibody (66258-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAK transfected MCF-7 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66258-1-Ig (FAK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66258-1-Ig (FAK antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using FAK antibody (66258-1-Ig, Clone: 2C5B9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).