

À des fins de recherche uniquement

Anticorps Monoclonal anti-PI3 Kinase p110 Beta



Numéro de catalogue: 67121-1-Ig **20 Publications**

Informations de base

Numéro de catalogue:	67121-1-Ig	Numéro d'acquisition GenBank:	BC114432	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 1300 µg/ml by Nanodrop and 860 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	5291	CloneNo.:	1B2A1
Hôte:	Mouse	Nom complet:	phosphoinositide-3-kinase, catalytic, beta polypeptide	Dilutions recommandées:	WB 1:2000-1:10000 IHC 1:150-1:600
Isotype:	IgG1	MW calculé	1070 aa, 123 kDa		
Immunogen Catalog Number:	AG17505	MW observés:	120-130 kDa		

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat

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 : cellules HEK-293, cellules HeLa, cellules MCF-7, cellules PC-12, cellules SH-SY5Y

IHC : tissu de cancer du poumon humain, tissu de cancer du col de l'utérus humain, tissu de cancer du côlon humain

Informations générales

PIK3CB(phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform) is also named as PIK3C1, PI3K-beta, p110beta. The gene encodes a 1070 amino acid protein which belongs to the PI3/PI4-kinase family. Phosphoinositide 3-kinases (PI3Ks) have been implicated as participants in signaling pathways regulating cell growth by virtue of their activation in response to various mitogenic stimuli. The class I PI3 kinases are heterodimers composed of 110 kDa catalytic subunits that associate with regulatory adaptor proteins. Four class I catalytic subunits have been identified, PIK3CA (p110α), PIK3CB (p110β), PIK3CD (p110δ) and PIK3CG (p110γ) (PMID:19177002).

Publications notables

Autrice	Pubmed ID	Journal	Application
Fei Liu	36497344	Cancers (Basel)	WB
Han Xu	36434729	Chin Med	WB
Ruichuang Yang	34824590	Evid Based Complement Alternat Med	WB

Stockage

Stockage:

Stocker à -20 °C.

Tampon de stockage:

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

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

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

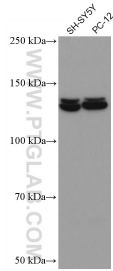
For technical support and original validation data for this product please contact:

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

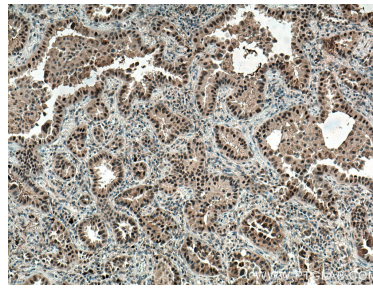
E: proteintech@ptglab.com
W: ptglab.com

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

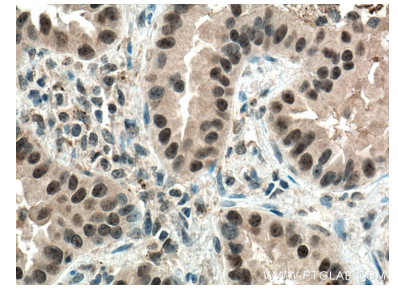
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67121-1-Ig (PIK3CB antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67121-1-Ig (PIK3CB antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67121-1-Ig (PIK3CB antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).