

À des fins de recherche uniquement

Anticorps Monoclonal anti-FYN

Numéro de catalogue: 66606-1-Ig **11 Publications**



Informations de base

Numéro de catalogue: 66606-1-Ig	Numéro d'acquisition GenBank: BC032496	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2534	CloneNo.: 1G4B1
Hôte: Mouse	Nom complet: FYN oncogene related to SRC, FGR, YES	Dilutions recommandées: WB 1:5000-1:30000 IHC 1:2000-1:5000 IF 1:400-1:1600
Isotype: IgG1	MW calculé 537aa,61 kDa; 482aa,55 kDa	
Immunogen Catalog Number: AG11127	MW observés: 60 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IHC, 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 : cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules MCF-7, cellules NIH/3T3, cellules Ramos

IHC : tissu d'amygdalite humain, tissu de cancer du sein humain

IF : cellules Neuro-2a,

Informations générales

FYN, also named as p59-Fyn and SLK, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. FYN is implicated in the control of cell growth. It plays a role in the regulation of intracellular calcium levels, with isoform 2 showing the greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. FYN is required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension. FYN blocks axon outgrowth and attraction induced by NTN1 by phosphorylating its receptor DDC.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tianxiang Li	36272670	Free Radic Biol Med	WB
Maya Barad	33242826	EBioMedicine	IHC
Hongyu Yuan	29555370	Exp Cell Res	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.

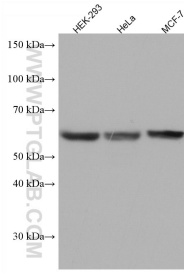
For technical support and original validation data for this product please contact:

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

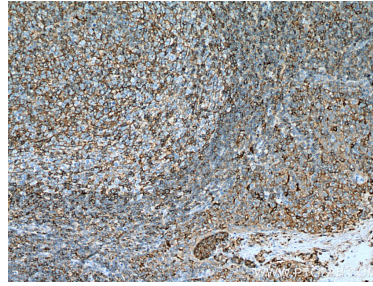
E: proteintech@ptglab.com
W: ptglab.com

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

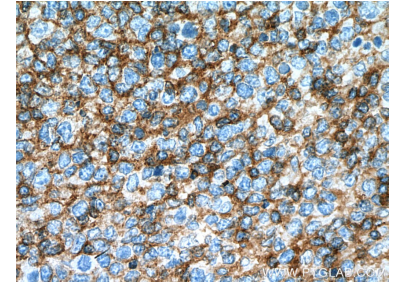
Données de validation sélectionnées



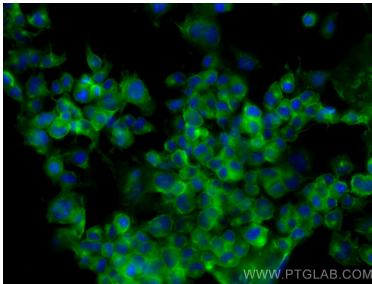
Various lysates were subjected to SDS PAGE followed by western blot with 66606-1-Ig (FYN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



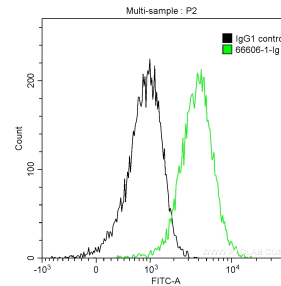
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66606-1-Ig (FYN antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66606-1-Ig (FYN antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using FYN antibody (66606-1-Ig, Clone: 1G4B1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 HeLa cells were intracellularly stained with 0.2 ug Anti-Human FYN (66606-1-Ig, Clone:1G4B1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.