

À des fins de recherche uniquement

Anticorps Monoclonal anti-FGFR3

Numéro de catalogue: 66954-1-Ig

Phare

8 Publications



Informations de base

Numéro de catalogue: 66954-1-Ig	Numéro d'acquisition GenBank: NM_000142	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): fibroblast growth factor receptor 3	CloneNo.: 1F3G1
Hôte: Mouse	Nom complet: fibroblast growth factor receptor 3	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:200-1:800 IF 1:200-1:800
Isotype: IgG1	MW calculé: 87 kDa	
Immunogen Catalog Number: AG26290	MW observés: 125-135 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, 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 LNCaP, cellules A549, cellules HEK-293, cellules HeLa, cellules HepG2, cellules L02, cellules L-929, cellules NCI-H1299

IHC : tissu testiculaire de souris,

IF : cellules HepG2,

Informations générales

Fibroblast growth factors (FGFs) are polypeptide growth factors involved in a variety of activities including mitogenesis, angiogenesis, and wound healing (PMID: 1847508). The human FGF receptor family, a subfamily of receptor tyrosine kinases (RTKs), comprises of four family members-FGFR1, FGFR2, FGFR3 and FGFR4 (PMID: 23900974). Each receptor contains an extracellular domain with either two or three immunoglobulin-like domains, a transmembrane domain, and a cytoplasmic tyrosine kinase domain. FGFR3 binds acidic and basic fibroblast GH and plays a role in bone development and maintenance. Mutations in the FGFR3 gene lead to craniosynostosis and multiple types of skeletal dysplasia. Due to frequent mutations in certain cancers, FGFR3 gene has also been associated with tumor progression.

Publications notables

Autrice	Pubmed ID	Journal	Application
Liang Kuang	31662319	Ann Rheum Dis	WB
Limin Wang	36305369	Tissue Eng Part A	IF
Fake Liao	34787070	Bioengineered	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.

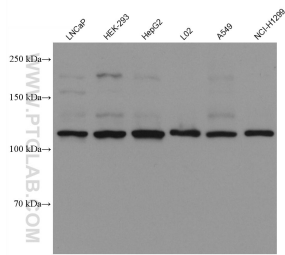
For technical support and original validation data for this product please contact:

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

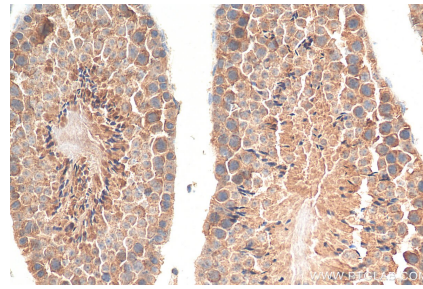
E: proteintech@ptglab.com
W: ptglab.com

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

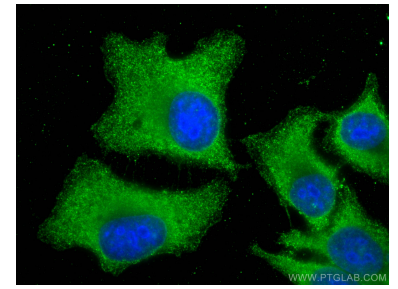
Données de validation sélectionnées



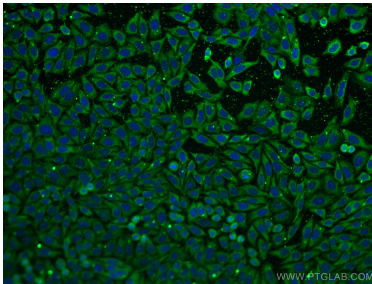
Various lysates were subjected to SDS PAGE followed by western blot with 66954-1-Ig (FGFR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



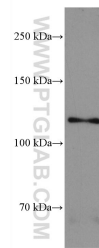
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66954-1-Ig (FGFR3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FGFR3 antibody (66954-1-Ig, Clone: 1F3G1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FGFR3 antibody (66954-1-Ig, Clone: 1F3G1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



L-929 cells were subjected to SDS PAGE followed by western blot with 66954-1-Ig (FGFR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.