

Allgemeine Informationen

Katalog-Nr.: 66954-1-Ig	GenBank-Zugangsnummer: NM_000142	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1500 µg/ml von2261 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1500	CloneNo.: 1F3G1
Wirt: Maus	Vollständiger Name: fibroblast growth factor receptor 3	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:200-1:800 IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 87 kDa	
Immunogen Katalognummer: AG26290	Beobachtete Masse: 125-135 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, WB	WB : LNCaP-Zellen, A549-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, LO2-Zellen, L-929-Zellen, NCI-H1299-Zellen
Getestete Reaktivität: Human, Maus	IHC : Maushodengewebe,
Zitierte Arten: Human, Maus	IF : HepG2-Zellen,

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

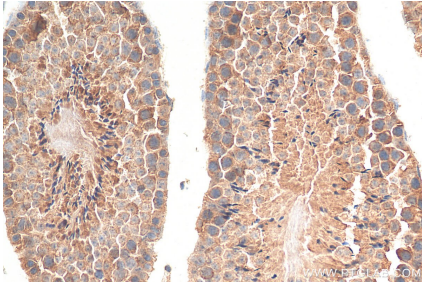
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

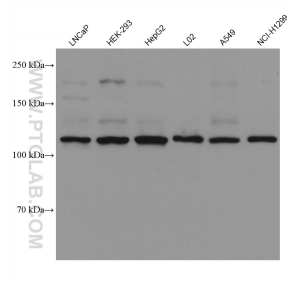
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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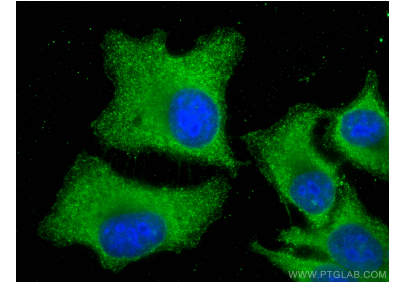
Ausgewählte Validierungsdaten



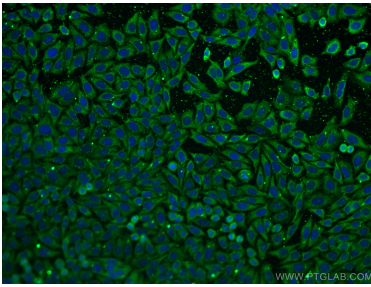
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66954-1-Ig (FGFR3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



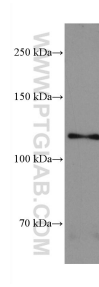
Various lysates were subjected to SDS PAGE followed by western blot with 66954-1-Ig (FGFR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.