

Nur für Forschungszwecke

# FGFR3 Monoklonaler Antikörper

Katalog-Nr.:CL594-66954

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66954	<b>GenBank-Zugangsnummer:</b> NM_000142	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von2261 Nanodrop;	<b>GeneID (NCBI):</b> 1F3G1	<b>CloneNo.:</b> 1F3G1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> fibroblast growth factor receptor 3	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 87 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG26290	<b>Beobachtete Masse:</b> 125-135 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> Human	

## 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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

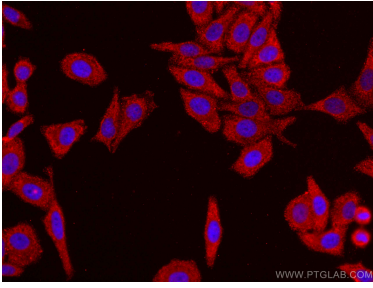
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 FGFR3 antibody (CL594-66954, Clone: 1F3G1) at dilution of 1:200.