

Nur für Forschungszwecke

# TGF beta 1 Monoklonaler Antikörper

Katalog-Nr.:CL488-69012



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-69012	<b>GenBank-Zugangsnummer:</b> GeneID (NCBI): 7040	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul, Konzentration: 1000 µg/ml von Nanodrop;	<b>Vollständiger Name:</b> transforming growth factor, beta 1	<b>CloneNo.:</b> 1E3E9
<b>Wirt:</b> Maus		<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG1		
<b>Immunogen Katalognummer:</b> HZ-1011		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

TGFβ, also named as LAP and TGFβ1, is a multifunctional peptide that controls proliferation, differentiation, and other functions in many cell types. TGFβ acts synergistically with TGFA in inducing transformation. It also acts as a negative autocrine growth factor. Dysregulation of TGFβ activation and signaling may result in apoptosis. Many cells synthesize TGFβ and almost all of them have specific receptors for it. TGFβ positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts. It is highly expressed in bone. Mutation of TGFβ are the cause of Camurati-Engelmann disease (CED) which known as progressive diaphyseal dysplasia 1 (DPD1).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**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

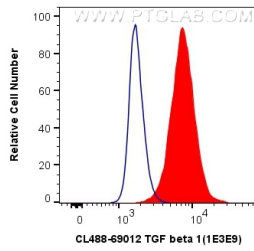
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.8 µg CoraLite® Plus 488 Anti-Human TGF beta 1 (CL488-69012, Clone:1E3E9) (red), or 0.8 µg Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).