

Nur für Forschungszwecke

# NeutraKine® TGF beta 1 Monoklonaler Antikörper



Katalog-Nr.:PE-69012

## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-69012	<b>GenBank-Zugangsnummer:</b> GeneID (NCBI): 7040	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 200 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> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG1		
<b>Immunogen Katalognummer:</b> HZ-1011		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

TGFB, also named as LAP and TGFB1, is a multifunctional peptide that controls proliferation, differentiation, and other functions in many cell types. TGFB acts synergistically with TGFA in inducing transformation. It also acts as a negative autocrine growth factor. Dysregulation of TGFB activation and signaling may result in apoptosis. Many cells synthesize TGFB and almost all of them have specific receptors for it. TGFB 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 TGFB are the cause of Camurati-Engelmann disease (CED) which known as progressive diaphyseal dysplasia 1 (DPD1).

This antibody can be used to neutralize the bioactivity of TGF beta 1.

## Lagerung

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

**Lagerungspuffer:**  
PBS with 0.1% sodium azide and 0.5% BSA.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

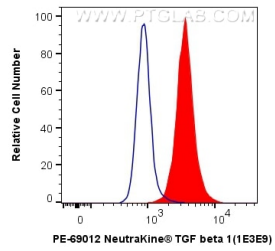
For technical support and original validation data for this product please contact:

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

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 µg PE Anti-Human NeutraKine® TGF beta 1 (PE-69012, Clone:1E3E9) (red), or 0.4 µg Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).