

Nur für Forschungszwecke

# TWIST2 Monoklonaler Antikörper

Katalog-Nr.:CL488-66544



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-66544	<b>GenBank-Zugangsnummer:</b> BC033168	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von117581 Nanodrop;	<b>GeneID (NCBI):</b> von117581	<b>CloneNo.:</b> 1B12D11
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> twist homolog 2 (Drosophila)	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 160 aa, 18 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG2348	<b>Beobachtete Masse:</b> 22 kDa	

## Anwendungen

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

## Hintergrundinformationen

TWIST2, also named as BHLHA39 and DERMO1, is a basic helix-loop-helix protein which acts as a transcriptional regulator, plays a central role in differentiation of mesodermal during embryogenesis. TWIST2 inhibits the premature or ectopic differentiation of preosteoblast cells during osteogenesis, possibly by changing the internal signal transduction response of osteoblasts to external growth factors. It is also implicated in tumorigenesis, invasion and metastasis. TWIST2 forms both homodimers(45KD) and heterodimers with E2A E proteins, and dimer partner selection is a critical mediator of TWIST function. (PMID:14724576, 16502419).

## 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

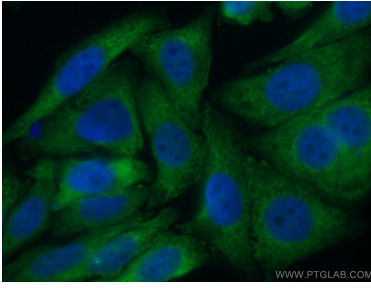
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488-conjugated TWIST2 antibody (CL488-66544, Clone: 1B12D11) at dilution of 1:100.