

Nur für Forschungszwecke

# NCL Polyklonaler Antikörper

Katalog-Nr.:CL488-10556



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-10556	<b>GenBank-Zugangsnummer:</b> BC006494	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von4691 Nanodrop;	<b>GeneID (NCBI):</b> nucleolin	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> nucleolin	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 76 kDa	
<b>Immunogen Katalognummer:</b> AG0859	<b>Beobachtete Masse:</b> 100-110 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HEK-293-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

Nucleolin, also known as C23, involved in the control of transcription of ribosomal RNA (rRNA) genes by RNA polymerase I, in nucleocytoplasmic transportation of ribosomal components, and in ribosome maturation and assembly. It associated with intranucleolar chromatin and pre-ribosomal particles, and induced chromatin decondensation by binding to histone H1. Also it has a role in the process of transcriptional elongation. Whilst mammalian nucleolin has a predicted molecular mass of approximately 77 kDa, the apparent molecular mass is between 100 and 110 kDa, and has been attributed to the amino acid composition of the N-terminal domain, which is highly phosphorylated. (PMID: 15925566)

## 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**

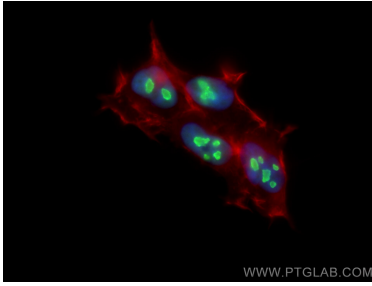
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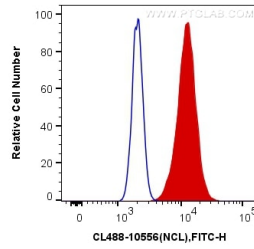
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using CoraLite® Plus 488 NCL antibody (CL488-10556) at dilution of 1:200, CL594-Phalloidin (red).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human NCL (CL488-10556) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).