

Nur für Forschungszwecke

# FUS/TLS Polyklonaler Antikörper

Katalog-Nr.:CL555-11570



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL555-11570	<b>GenBank-Zugangsnummer:</b> BC026062	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von2521 Nanodrop;	<b>GeneID (NCBI):</b> fusion (involved in t(12;16) in malignant liposarcoma)	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 557 nm / 570 nm
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> fusion (involved in t(12;16) in malignant liposarcoma)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 75 kDa	
<b>Immunogen Katalognummer:</b> AG2150	<b>Beobachtete Masse:</b> 68-75 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## Hintergrundinformationen

FUS (also named TLS and POMp75) belongs to the RRM TET family. FUS may play a role in the maintenance of genomic integrity; it binds both single-stranded and double-stranded DNA and promotes ATP-independent annealing of complementary single-stranded DNAs and D-loop formation in superhelical double-stranded DNA. FUS is also an RNA-binding protein, and its links to neurodegenerative disease proffer the intriguing possibility that altered RNA metabolism or RNA processing may underlie or contribute to neuron degeneration[PMID: 22640227]. FUS may be a cause of angiomatoid fibrous histiocytoma (AFH) and is implicated in certain forms of amyotrophic lateral sclerosis (ALS) and frontotemporal dementias (FTDs) such as frontotemporal lobar dementia with ubiquitin inclusions (FTLD-U)[PMID: 22640227]. This antibody is a rabbit polyclonal antibody raised against an internal region of human FUS.

## 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**

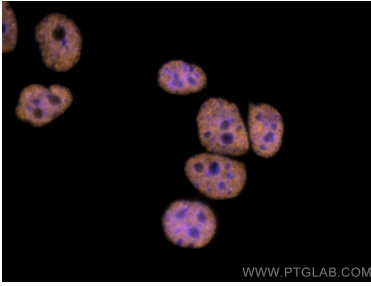
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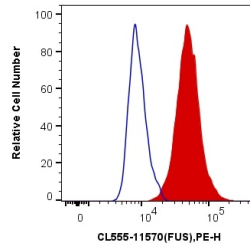
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite®555 FUS/TLS antibody (CL555-11570) at dilution of 1:200.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human FUS/TLS (CL555-11570) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).