

Nur für Forschungszwecke

# YTHDC1 Monoklonaler Antikörper

Katalog-Nr.:CL488-67911



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-67911	<b>GenBank-Zugangsnummer:</b> BC053863	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von91746	<b>GeneID (NCBI):</b> 91746	<b>CloneNo.:</b> 1F5G11
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> YTH domain containing 1	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 85 kDa	
<b>Isotyp:</b> IgG1	<b>Beobachtete Masse:</b> ~100 kDa	
<b>Immunogen Katalognummer:</b> AG6289		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

YTHDC1, containing 1 YTH domain, is one of the m6A-binding proteins that can recognize and bind to the m6A methylation site and plays a specific role in gene expression. YTHDC1 is constitutively enriched in the nucleus. It regulates mRNA splicing by bridging the interactions between the trans- and cis-regulatory elements to bind targeted mRNAs. YTHDC1 mediates the export of m6A modified mRNA from the nucleus to the cytoplasm by interacting with SRSF3, which is an essential factor driving the tumorigenic process in various types of cancers including breast cancer, colon cancer, ovarian cancer, osteosarcoma, and glioblastoma (32368386).

## 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**

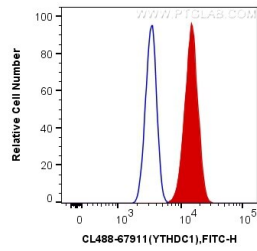
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> A431 cells were intracellularly stained with 0.4 µg CoraLite® Plus 488 Anti-Human YTHDC1 (CL488-67911, Clone:1F5G11) (red), or 0.4 µg Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).