

Nur für Forschungszwecke

# U2AF35 Monoklonaler Antikörper

Katalog-Nr.:CL488-60289



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-60289	<b>GenBank-Zugangsnummer:</b> BC001923	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von7307 Nanodrop;	<b>GeneID (NCBI):</b> von7307	<b>CloneNo.:</b> 2B7F11
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> U2 small nuclear RNA auxiliary factor IF 1:50-1:500	<b>Empfohlene Verdünnungen:</b>
<b>Isotyp:</b> IgG2c	<b>Berechnete Masse:</b> 28 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG0399		

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

U2 auxiliary factor (U2AF), comprising a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. U2 (RNU2) small nuclear RNA auxiliary factor 1 (U2AF1, synonyms: RN, FP793, U2AF35, U2AFBP, RNU2AF1) is the small subunit which plays a critical role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between the large subunit and proteins bound to the enhancers. The U2AF 1 gene is localized to chromosome 21q22.3, which is the critical region for three diseases, progressive myoclonus epilepsy, autoimmune polyglandular disease type 1, and one form of bipolar affective disorder. The calculated molecular weight of U2AF 35 is 28 kDa, but the modified U2AF35 protein is about 35-40 kDa.

## 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**

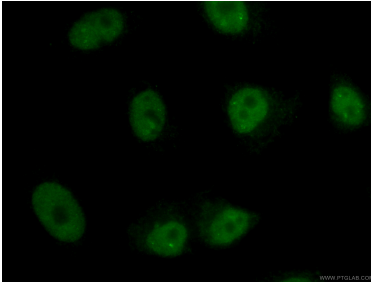
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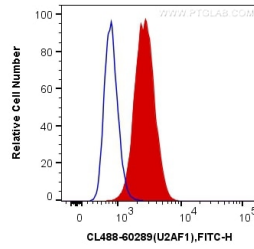
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W: ptglab.com

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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL488-60289 (U2AF35 antibody) at dilution of 1:100.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human U2AF35 (CL488-60289, Clone:2B7F11) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).