

Nur für Forschungszwecke

# TDP-43 Monoklonaler Antikörper

Katalog-Nr.: 66734-1-Ig **4 Publikationen**



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66734-1-Ig	<b>GenBank-Zugangsnummer:</b> BC001487	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1500 µg/ml von 23435 Nanodrop und 848 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> Vollständiger Name: TAR DNA binding protein	<b>CloneNo.:</b> 1G4F5
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 43 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IHC 1:1000-1:4000
<b>Isotyp:</b> IgG1	<b>Beobachtete Masse:</b> 43 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : HeLa-Zellen, C6-Zellen, HEK-293-Zellen, Jurkat-Zellen, NIH/3T3-Zellen
<b>In Publikationen genannte Anwendungen:</b> IF, IHC, WB	<b>IHC :</b> Maushirngewebe, humanes Gliomgewebe, Rattenlebergewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus	
<b>Hinweis-IHC: Antigendmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

Transactivation response (TAR), DNA-binding protein of 43 kDa (also known as TARDBP or TDP-43), was first isolated as a transcriptional inactivator binding to the TAR DNA element of the HIV-1 virus. Neumann et al. (2006) found that a hyperphosphorylated, ubiquitinated, and cleaved form of TARDBP, known as pathologic TDP-43, is the major component of the tau-negative and ubiquitin-positive inclusions that characterize amyotrophic lateral sclerosis (ALS) and the most common pathological subtype of frontotemporal lobar degeneration (FTLD-U). 66734-1-Ig is a mouse monoclonal antibody recognizing the intact protein of TDP-43.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Phaneendra Chennampally	34518579	Sci Rep	IF
Rui Zhang	33613100	Int J Biol Sci	WB, IF
Alissa L Nana	30511086	Acta Neuropathol	IF

## Lagerung

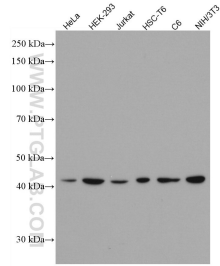
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

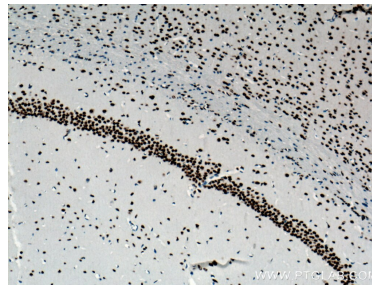
For technical support and original validation data for this product please contact:  
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E: proteintech@ptglab.com  
W: ptglab.com

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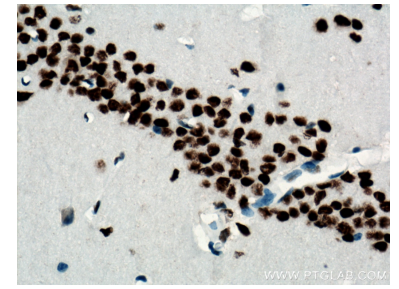
## Ausgewählte Validierungsdaten



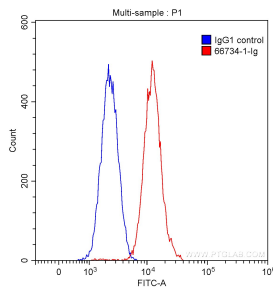
Various lysates were subjected to SDS PAGE followed by western blot with 66734-1-Ig (TDP-43 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66734-1-Ig (TDP-43 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66734-1-Ig (TDP-43 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.20 ug/test Anti-Human TDP-43 (66734-1-Ig, Clone:1G4F5) (red) or 0.20 ug control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.