

Nur für Forschungszwecke

# TNFR1 Monoklonaler Antikörper

Katalog-Nr.: 60192-1-Ig

Vorgestelltes Produkt

8 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
60192-1-Ig

Größe:  
150ul, Konzentration: 2300 µg/ml von 7132  
Nanodrop und 1440 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Maus

Isotyp:  
IgG1

Immunogen Katalognummer:  
AG16112

GenBank-Zugangsnummer:  
BC010140

GeneID (NCBI):

Vollständiger Name:  
tumor necrosis factor receptor  
superfamily, member 1A

Berechnete Masse:  
455 aa, 50 kDa

Beobachtete Masse:  
50-55 kDa

Reinigungsmethode:  
Protein-G-Reinigung

CloneNo.:  
2A6E3

Empfohlene Verdünnungen:  
WB 1:2500-1:10000  
IHC 1:50-1:500  
IF 1:200-1:800

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

Getestete Reaktivität:

Hausschwein, Human, Maus, Ratte

Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: HL-60-Zellen, Daudi-Zellen, humanes Hirngewebe, Raji-Zellen

IHC: humanes Leberkarzinomgewebe, humanes Kolonkarzinomgewebe

IF: humanes Leberkarzinomgewebe,

## Hintergrundinformationen

Tumor necrosis factor (TNF) is a multifunctional cytokine that plays a key role in regulating inflammation, immune functions, host defense, and apoptosis (PMID: 16407280). TNF exists in soluble and membrane-bound forms. TNF signals through two distinct cell surface receptors, TNFR1 (TNFRSF1A, CD120a) and TNFR2 (TNFRSF1B, CD120b). Whereas TNFR1 is widely expressed, expression of TNFR2 is limited to cells of the immune system, endothelial cells, and nerve cells (PMID: 22053109). TNFR1, which contains a death domain (DD) within its intracytoplasmic region, is thought to be the key receptor for TNF signaling (PMID: 16407280). This receptor can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xing-Wei Jin	34984178	Transl Androl Urol	IHC
Qian Chen	30187338	Inflammation	
Min Zhang	35603220	Front Immunol	WB,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

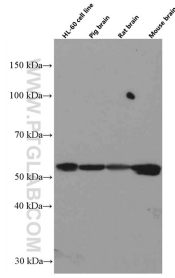
For technical support and original validation data for this product please contact:

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

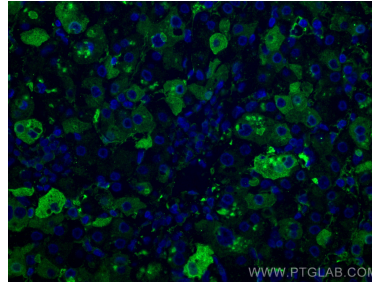
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

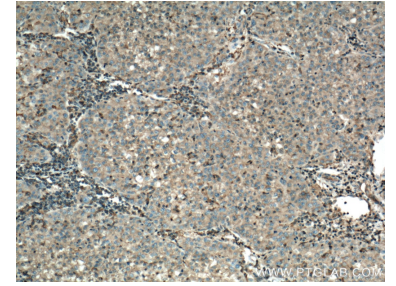
## Ausgewählte Validierungsdaten



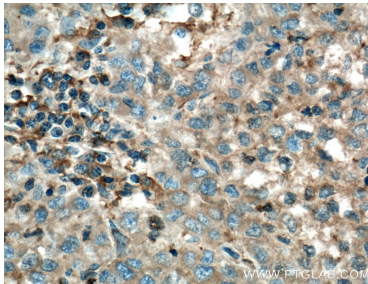
HL-60 cells, pig brain tissue, rat brain tissue and human brain tissue were subjected to SDS PAGE followed by western blot with 60192-1-Ig (TNFR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



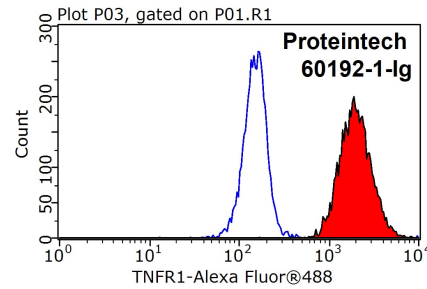
Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using TNFR1 antibody (60192-1-Ig, Clone: 2A6E3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60192-1-Ig (TNFR1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60192-1-Ig (TNFR1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> Raji cells were stained with 0.2ug TNFR1 antibody (60192-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.