Nur für Forschungszwecke

TNFR2 Polyklonaler Antikörper

Katalog-Nr.:19272-1-AP Vorgestelltes Produkt 26 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
19272-1-AP

Größe:
150ul , Konzentration: 300 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5866

GenBank-Zugangsnummer:
BC052977

GeneID (NCBI):
7133

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

Berechneté Masse:
48 kDa

Beobachteté Masse:
70-75 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:1000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
FC, IF, IHC, WB

Getestete Reaktivität:
Human, Maus

Zitierte Arten:
Human, Maus, Ratte

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

Positivkontrollen:

WB : Jurkat-Zellen, HEK-293-Zellen, Maus-Thymusgewebe, MCF-7-Zellen

IP : HEK-293-Zellen,

IHC : humanes Milzgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

Tumor necrosis factor-alpha (TNFA/TNFSF2) is a multifunctional cytokine that plays a key role in regulating inflammation, immune functions, host defense, and apoptosis (PMID: 16407280). TNFA signals through two distinct cell surface receptors, TNFR1 (TNFRSF1A, CD120a, p55) and TNFR2 (TNFRSF1B, CD120b, p75). TNFR1 is widely expressed, whereas TNFR2 exhibits more restricted expression, being found on CD4 and CD8 T lymphocytes, endothelial cells, microglia, oligodendrocytes, neuron subtypes, cardiac myocytes, thymocytes and human mesenchymal stem cells (PMID: 20489699; 22374304). In contrast to TNFR1, TNFR2 does not have a death domain. TNFR2 only signals for antiapoptotic reactions. However, recent evidence indicates that TNFR2 also signals to induce TRAF2 degradation (PMID: 22374304). Various defects in the TNFR2 pathway, due to polymorphisms in the TNFR2 gene, upregulated expression of TNFR2 and TNFR2 shedding, have been implicated in the pathology of several autoimmune disorders (PMID: 20489699).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Minami Uchida	31620105	Front Microbiol	IF
Di Huang	30224822	Nat Immunol	FC,IF
Qian Chen	30187338	Inflammation	

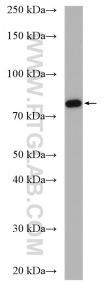
Lagerung

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

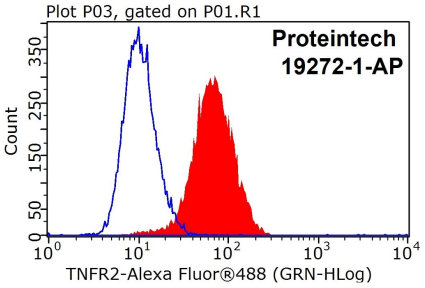
*** 20ul-Größen enthalten 0.1% BSA

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

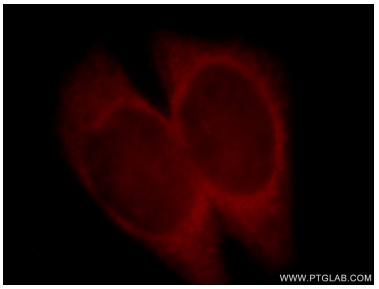
Ausgewählte Validierungsdaten



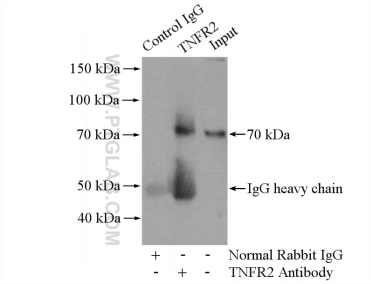
Jurkat cells were subjected to SDS PAGE followed by western blot with 19272-1-AP (TNFR2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



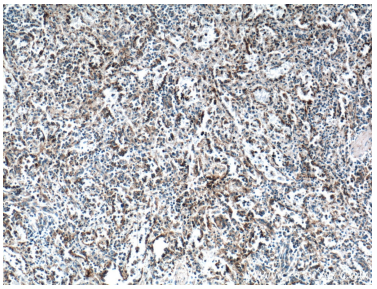
1X10^6 HeLa cells were stained with 0.5ug TNFR2 antibody (19272-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). FITC-Goat anti-Rabbit IgG with dilution 1:100.



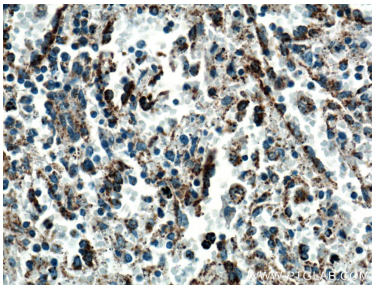
Immunofluorescent analysis of Hela cells, using TNFRSF1B antibody 19272-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-TNFR2 (IP:19272-1-AP, 4ug; Detection:19272-1-AP 1:500) with HEK-293 cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 19272-1-AP (TNFR2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 19272-1-AP (TNFR2 Antibody) at dilution of 1:200 (under 40x lens).