

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TNFR2 / TNFRSF1B



Numéro de catalogue: 19272-1-AP

Phare

27 Publications

Informations de base

Numéro de catalogue:
19272-1-AP

Taille:
150ul, Concentration: 400 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5866

Numéro d'acquisition GenBank:
BC052977

Identification du gène (NCBI):
7133

Nom complet:
tumor necrosis factor receptor
superfamily, member 1B

MW calculé
48 kDa

MW observés:
70-75 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
FC, IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293, cellules MCF-7,
tissu de thymus de souris

IP : cellules HEK-293,

IHC : tissu splénique humain,

IF : cellules HeLa,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

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).

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

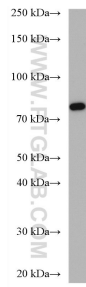
For technical support and original validation data for this product please contact:

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

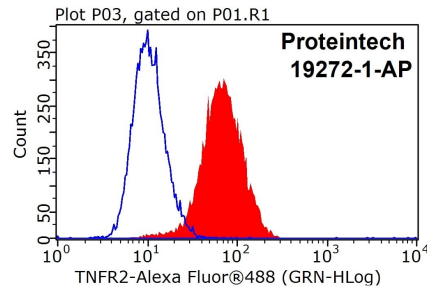
E: proteintech@ptglab.com
W: ptglab.com

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

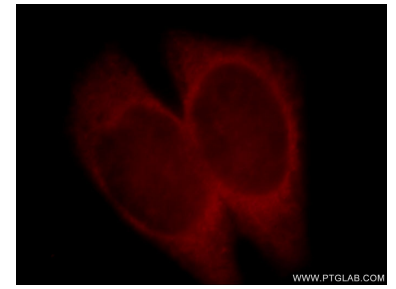
Données de validation sélectionnées



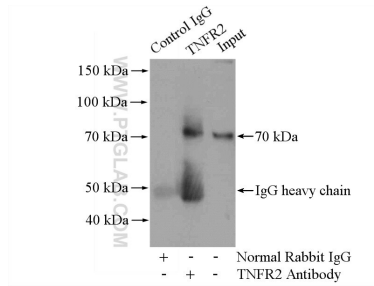
Jurkat cells were subjected to SDS PAGE followed by western blot with 19272-1-AP (TNFR2 / TNFRSF1B antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



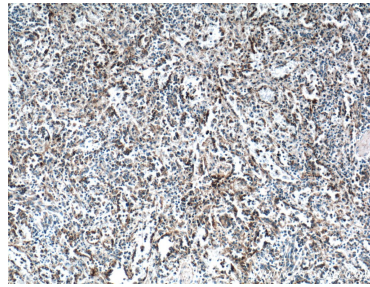
1×10^6 HeLa cells were stained with 0.5ug TNFR2 / TNFRSF1B antibody (19272-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). FITC-Goat anti-Rabbit IgG with dilution 1:100.



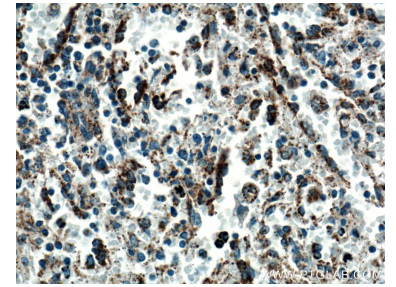
Immunofluorescent analysis of HeLa cells, using TNFR2 / TNFRSF1B antibody 19272-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-TNFR2 / TNFRSF1B (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 / TNFRSF1B Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 19272-1-AP (TNFR2 / TNFRSF1B Antibody) at dilution of 1:200 (under 40x lens).