

À des fins de recherche uniquement

Anticorps Monoclonal anti-TNF Alpha



Numéro de catalogue: 60291-1-Ig

Phare

326 Publications

Informations de base

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| Numéro de catalogue: 60291-1-Ig | Numéro d'acquisition GenBank: BC028148 | Méthode de purification: Purification par protéine A |
| Taille: 150ul , Concentration: 2000 µg/ml by Nanodrop; | Identification du gène (NCBI): 7124 | CloneNo.: 7B8A11 |
| Hôte: Mouse | Nom complet: tumor necrosis factor (TNF superfamily, member 2) | Dilutions recommandées: WB 1:1000-1:4000 IHC 1:200-1:800 IF 1:50-1:500 |
| Isotype: IgG2b | MW calculé: 233 aa, 26 kDa | |
| Immunogen Catalog Number: AG11413 | MW observés: 17-22 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

ELISA, IF, IHC, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, porc, poulet, rat, singe, souris

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.

Contrôles positifs:

WB : cellules THP-1, cellules 4T1, cellules HeLa, cellules HL-60, cellules HSC-T6, cellules PC-12, cellules U-937

IHC : tissu de cancer du sein humain, tissu d'amygdalite humain

IF : tissu de cancer du sein humain,

Informations générales

TNF, as also known as TNF-alpha, or cachectin, is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. It is expressed as a 26 kDa membrane bound protein and is then cleaved by TNF-alpha converting enzyme (TACE) to release the soluble 17 kDa monomer, which forms homotrimers in circulation. It is produced chiefly by activated macrophages, although it can be produced by many other cell types such as CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, INS resistance, and cancer.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------|-----------|-------------------------|-------------|
| Yang Liu | 36175851 | BMC Mol Cell Biol | IF |
| Yuqian Wang | 32942847 | J Agric Food Chem | WB |
| Xinmei Huang | 34478541 | J Clin Endocrinol Metab | IHC |

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.

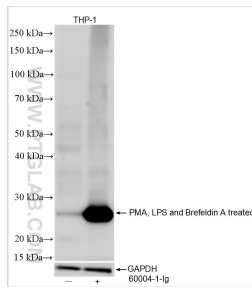
For technical support and original validation data for this product please contact:

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

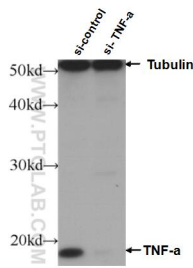
E: proteintech@ptglab.com
W: ptglab.com

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

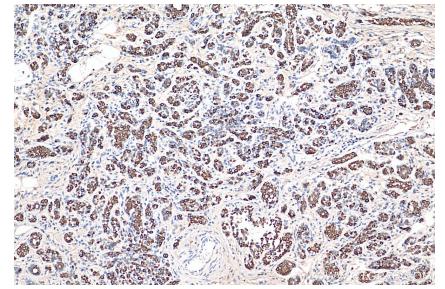
Données de validation sélectionnées



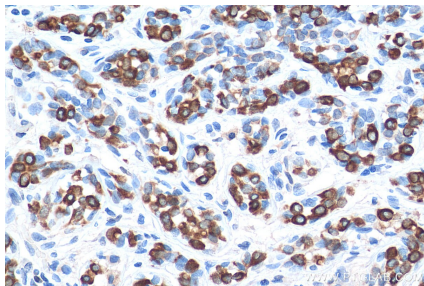
PMA, LPS, and Brefeldin A treated THP-1 cells were subjected to SDS PAGE followed by western blot with 60291-1-Ig (TNF Alpha antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with GAPDH Monoclonal antibody 60004-1-Ig as loading control.



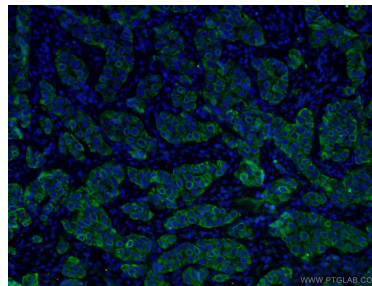
WB result of TNF alpha antibody (60291-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TNF alpha transfected HeLa cells.



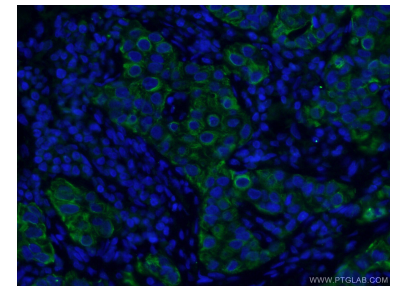
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60291-1-Ig (TNF Alpha antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60291-1-Ig (TNF Alpha antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using 60291-1-Ig (TNF alpha antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using 60291-1-Ig (TNF alpha antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).