

Allgemeine Informationen

Katalog-Nr.: 26405-1-AP	GenBank-Zugangsnummer: BC028148	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 900 µg/ml von Nanodrop;	GeneID (NCBI): 7124	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: tumor necrosis factor (TNF superfamily, member 2)	
Isotyp: IgG	Berechnete Masse: 233 aa, 26 kDa	
Immunogen Katalognummer: AG24020	Beobachtete Masse: 26 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : PMA, LPS and Brefeldin A treated THP-1 cells, IHC : humanes Ovarialkarzinomgewebe,
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Human	
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.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yang Xu	35623314	Redox Biol	IHC
Yanling Wang	35914567	Acta Trop	IHC
Lihua Luo	35822247	Cell Prolif	IHC

Lagerung

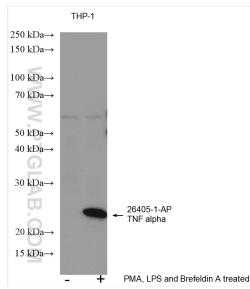
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

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

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Ausgewählte Validierungsdaten



Untreated THP-1 and THP-1 (treated with 80nM PMA overnight, replaced the culture medium with 100 ng/ml LPS for 6 hours with addition of 300ng/ml Brefeldin A for the last 3 hours) cells were subjected to SDS PAGE followed by western blot with 26405-1-AP (TNF alpha antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

