

Nur für Forschungszwecke

TNF Alpha Polyklonaler Antikörper

Katalog-Nr.:17590-1-AP

462 Publikationen



Allgemeine Informationen

Katalog-Nr.: 17590-1-AP	GenBank-Zugangsnummer: BC028148	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 7124	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: tumor necrosis factor (TNF superfamily, member 2)	
Isotyp: IgG	Berechnete Masse: 233 aa, 26 kDa	
Immunogen Katalognummer: AG11433	Beobachtete Masse: 26 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : THP-1-Zellen, mit LPS behandelte RAW 264.7-Zellen
In Publikationen genannte Anwendungen: Cell treatment, ELISA, Transwell Assay, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Fisch, Human, Kaninchen, Maus, Ratte	

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
Yangmeng Zhao	36178125	Redox Rep	Cell treatment
Yangfei Yi	36178080	Orthop Surg	WB
Yanliang Wu	34601083	J Ethnopharmacol	WB

Lagerung

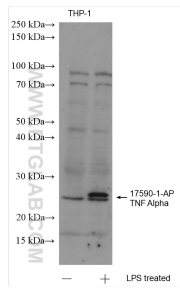
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
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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 17590-1-AP (TNF Alpha antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.