Recombinant TNF α Monoclonal Antibody

catalog number: **AN300877L**

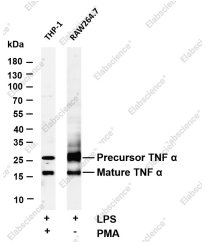
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

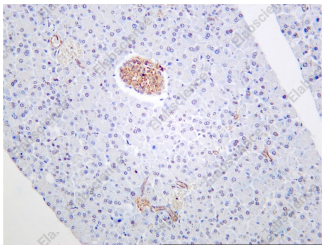
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human TNF α protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110501
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:2000-1:10000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

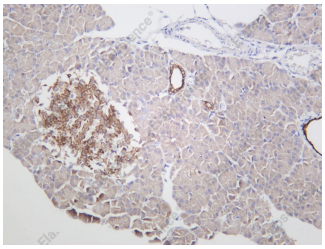
Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TNF α antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: THP-1 treated with Phorbol 12-myristate 13-acetate and Lipopolysaccharide (100 mg/mL) for 24 hours Lane 2: RAW264.7 treated with Lipopolysaccharide (100 mg/mL) for 24 hours Predicted band size: 26,18kDa Observed band size: 26,18kDa



Mouse pancreas was stained with anti-TNF α rabbit antibody



Rat pancreas was stained with anti-TNF α rabbit antibody

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping	Ice bag

Background

This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFBR. 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, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com