

Recombinant TNF α Monoclonal Antibody

catalog number: **AN300877L**

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

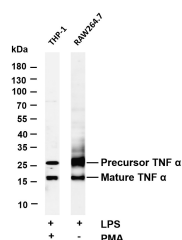
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human TNF α protein
Host	Rabbit
Isotype	IgG, κ
Clone	B824
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

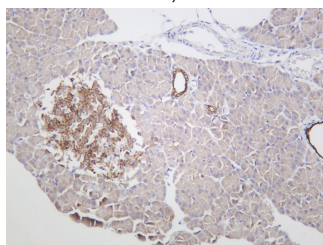
Applications Recommended Dilution

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

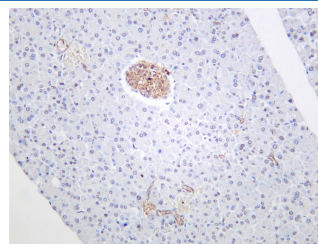
Data



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



Rat pancreas was stained with anti-TNF α rabbit antibody



Mouse 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

For Research Use Only

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/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, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.

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