

Anti-NCF1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog)
Molecular Weight:	Theoretical: 45 kDa. Actual: 45 kDa.
Purification:	Protein A purified

Applications

1. Sample:

Bone (Mouse) Lysate at 40 µg

Lymph node (Mouse) Lysate at 40 µg

Spleen (Mouse) Lysate at 40 µg

Primary: Anti-NCF1 (TMAB-09273) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 48 kD

2. Sample:

Lane 1: Lung (Mouse) Lysate at 40 µg

Lane 2: Spleen (Mouse) Lysate at 40 µg

Lane 3: Lymph node (Mouse) Lysate at 40 µg

Primary: Anti-NCF1 (TMAB-09273) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 48 kD

Verified Activity: Observed band size: 48 kD

3. U-937 cells were fixed with 4% PFA for 10 min at room temperature, permeabilized with 90% ice-cold methanol for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with NCF1 antibody (TMAB-09273) at 1:100 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2%BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

4. Sample:

Lane 1: Mouse Lung tissue lysates

Lane 2: Rat Lung tissue lysates

Lane 3: Human Raji cell lysates

Primary: Anti-NCF1 (TMAB-09273) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kDa

Observed band size: 46 kDa

A DRUG SCREENING EXPERT

Application: WB,FCM
Recommended WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human NCF1
Antigen Species: Human
Gene ID: 653361
Uniprot ID: P14598

Research Background

NCF1, along with NCF2 and a membrane bound cytochrome b558, is required for activation of the latent NADPH oxidase necessary for superoxide production. Defects in NCF1 are the cause of autosomal cytochrome-b-positive chronic granulomatous disease type 1 (CGD).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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