

CD30 (DM103) RABBIT MAB

Cat.#: 28448

Product Name: Anti-CD30(DM103) Rabbit Monoclonal Antibody

Synonyms: TNFRSF8;CD30;DIS166E;Ki-1

Description: Anti-CD30 antibody(DM103) Rabbit Monoclonal Antibody

Background: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated; but not by resting; T and B cells. TRAF2 and TRAF5 can interact with this receptor; and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis; and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Applications: ELISA; Flow Cyt

Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit IgG

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human CD30

Constituents: Lyophilized from sterile PBS, pH 7.4. 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

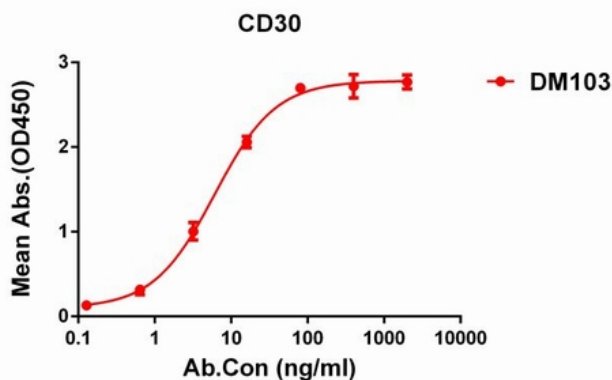


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30 protein, His tagged protein 11291 can bind Rabbit anti-CD30 monoclonal antibody (clone: DM103) in a linear range of 0.12-60 ng/ml.

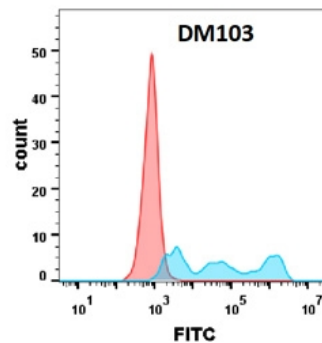


Figure 2. Flow cytometry analysis with Anti-CD30 (DM103) on Expi293 cells transfected with human CD30 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).