

Product Description

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CD30 (DM104) RABBIT MAB

Cat.#: 28449

Product Name: Anti-CD30(DM104) Rabbit Monoclonal Antibody

Synonyms: TNFRSF8;CD30;D1S166E;Ki-1

Description: Anti-CD30 antibody(DM104) 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).

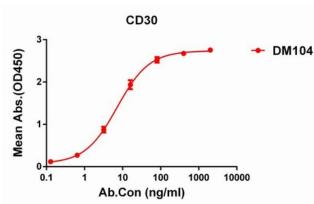


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30 protein, His tagged protein 11291 can bind Rabbit anti-CD30 monoclonal antibody (clone: DM104) in a linear range of 0.12-80 ng/ml.

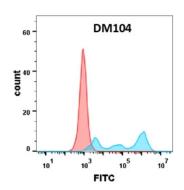


Figure 2. Flow cytometry analysis with Anti-CD30 (DM104) on Expi293 cells transfected with human CD30(Blue histogram) or Expi293 transfected with irrelevant protein(Red histogram).