

CD27 MAB (VARLILUMAB)

Cat.#: 28027

Product Name: Anti-CD27 (Varlilumab) Monoclonal Antibody

Synonyms: CD27;TNFRSF7;SI52;T14;Tp55

Description: Anti-CD27 (varlilumab) Monoclonal Antibody

Background: Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

Applications: ELISA; Flow Cyt

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

Host Species: Homo sapiens

Isotype: IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human CD27

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).

Human CD27, hFc Tagged protein ELISA

0.2 µg of CD27, hFc Tagged protein per well

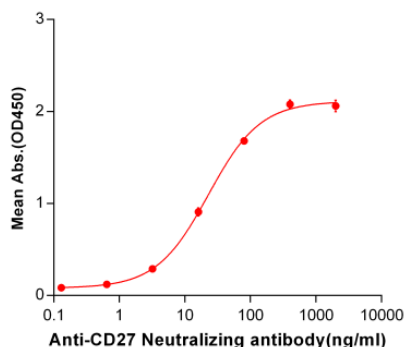


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD27, hFc tagged protein (11285) can bind Anti-CD27 Neutralizing antibody in a linear range of 3.2-80.0 ng/ml. In order to specifically detect 28027, mouse anti-human Fab-specific antibody was used as detection antibody.

Anti-CD27 (varlilumab biosimilar) mAb ELISA

0.2 µg of CD27, mFc-His Tagged protein per well

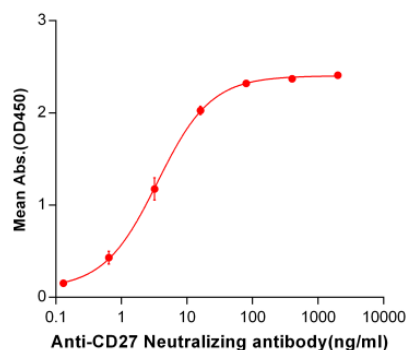


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD27, mFc-His tagged protein 11141 can bind Anti-CD27 Neutralizing antibody in a linear range of 0.64-16.0 ng/ml.

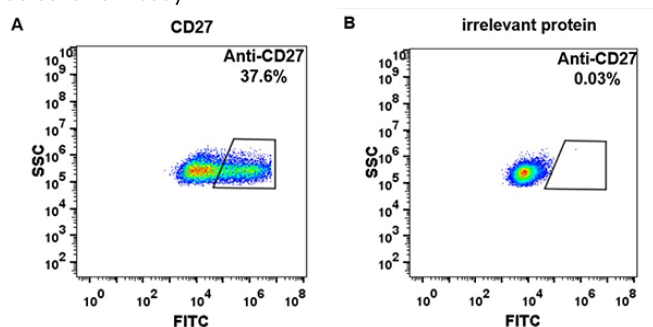


Figure 3. HEK293 cell line transfected with irrelevant protein (B) and human CD27 protein (A) were surface stained with anti-CD27 neutralizing antibody 1µg/ml (varlilumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.