

CD38 MAB (DARATUMUMAB)

Cat.#: 28013

Product Name: Anti-CD38 (Daratumumab) Monoclonal Antibody

Synonyms: CD38;T10;ADPRC1

Description: Anti-CD38 (daratumumab) 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 CD38

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).

Anti-CD38 (daratumumab biosimilar) mAb ELISA

0.2 µg Human CD38, hFc-His Tagged protein per well

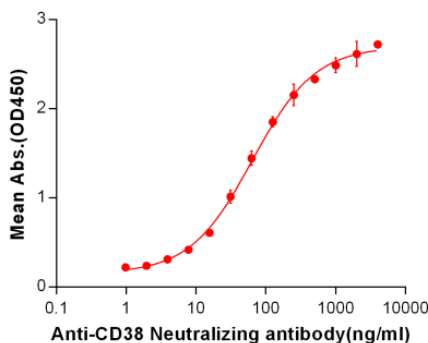


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD38, hFc-His tagged protein (11132) can bind Anti-CD38 Neutralizing antibody in a linear range of 0.98-64.14 ng/ml. In order to specifically detect 28013, mouse anti-human Fab-specific antibody was used as detection antibody.

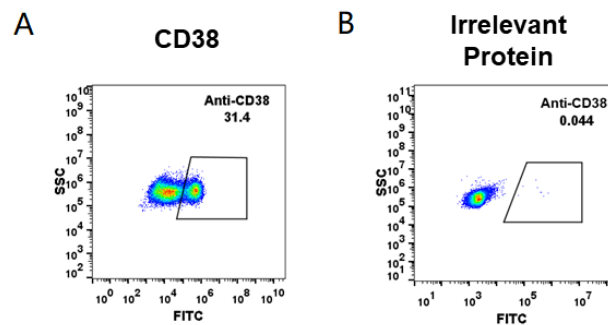


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human CD38 (A) were surface stained with anti-CD38 neutralizing antibody 1µg/ml (daratumumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.