

2B4 (DM69) RABBIT MAB

Cat.#: 28379

Product Name: Anti-2B4(DM69) Rabbit Monoclonal Antibody

Synonyms: CD244;2B4;SLAMF4;NKR2B4;NAIL;h2B4

Description: Anti-2B4 antibody(DM69) Rabbit Monoclonal Antibody

Background: This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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 2B4

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).

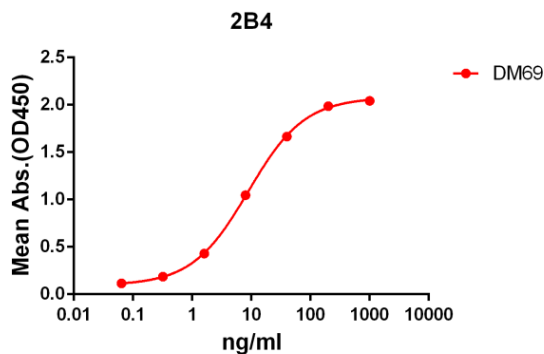


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human 2B4 protein, mFc-His tagged protein III38 can bind Rabbit anti-2B4 monoclonal antibody (clone: DM69) in a linear range of 1-100 ng/ml.

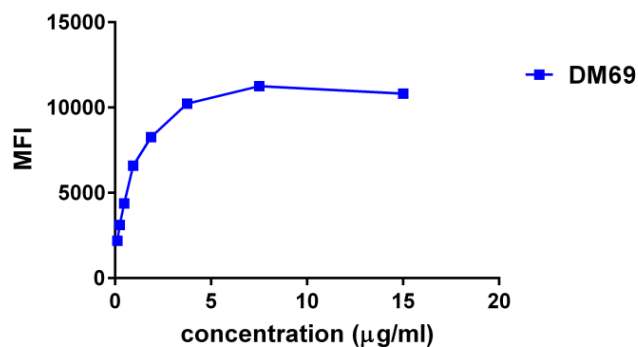


Figure 3. Flow cytometry data of serially titrated Rabbit anti-2B4 monoclonal antibody (clone: DM69) on THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

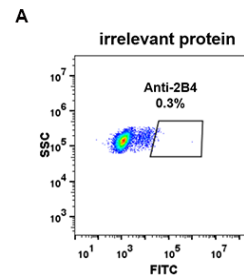


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human 2B4 (B) were surface stained with Rabbit anti-2B4 monoclonal antibody 1 µg/ml (clone: DM69) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

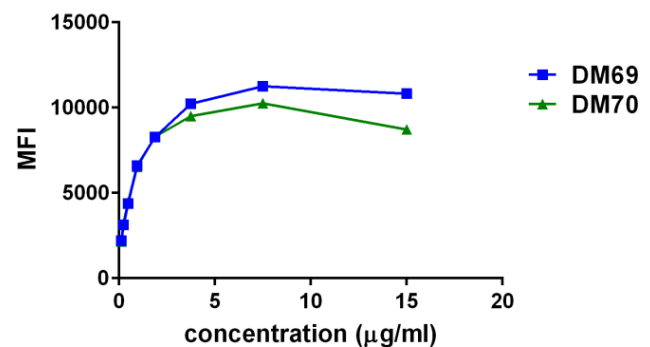


Figure 4. Affinity ranking of different Rabbit anti-2B4 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.