

CD123 MAB (TALACOTUZUMAB)

Cat.#: 28012

Product Name: Anti-CD123 (Talacotuzumab) Monoclonal Antibody

Synonyms: CD123;IL3R;IL3RA

Description: Anti-CD123 (talacotuzumab) 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: Humanized

Isotype: IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human CD123

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-CD123 (talacotuzumab biosimilar) mAb ELISA

0.2µg of Human CD123, hFc-his Tagged protein per well

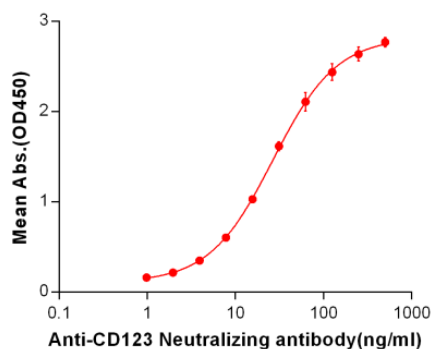


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD123, hFc-His tagged protein (11131) can bind Anti-CD123 Neutralizing antibody in a linear range of 0.98-26.70 ng/ml. In order to specifically detect 28012, mouse anti-human Fab-specific antibody was used as detection antibody.

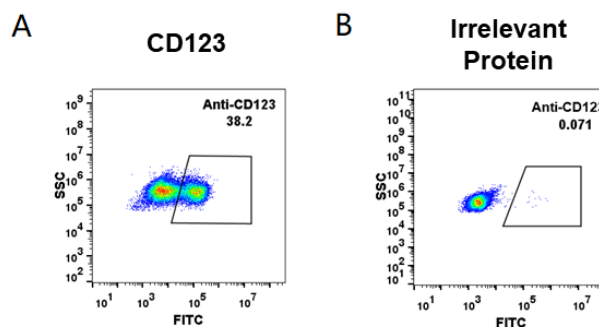


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human CD123 (A) were surface stained with anti-CD123 neutralizing antibody 1µg/ml (talacotuzumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.