CD123 (DM33) RABBIT MAB

: 28320

: CD123(DM33) Rabbit Monoclonal Antibody

: IL3R; IL3RA; IL-3Ra; IL-3R-alpha; IL3RAY; IL3RX; IL3RY; CD123 antigen; CD123; hIL3Ra; hIL-3Ra; MGC34174; IL-3 R alpha

: CD123 antibody(DM33) Rabbit Monoclonal Antibody

: Interleukin 3 receptor alpha (low affinity) (IL3RA); also known as CD123 (Cluster of Differentiation 123) is a 70-kD glycoprotein member of the hematopoietin receptor superfamily. This protein associates with a beta subunit common to the receptors for IL-??

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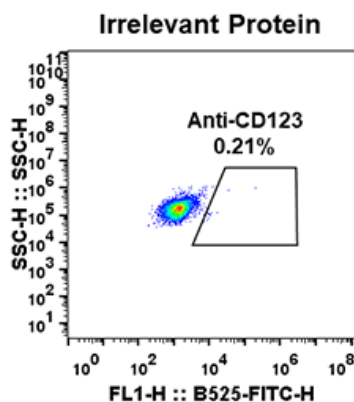
ELISA 1:5000-10000; Flow Cyt 1:100

: Rabbit

: Rabbit IgG

: Purified from cell culture supernatant by affinity chromatography

: Human CD123

: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

: Store at -20ºC to -80ºC for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80ºC (Avoid repeated freezing and thawing).
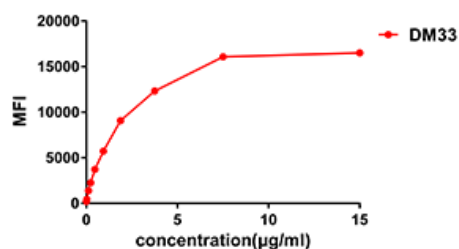
A

Irrelevant Protein

Anti-CD123
0.21%

B

CD123

Anti-CD123
38.4%

Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD123(right) were surface stained with Rabbit CD123 monoclonal antibody 1µg/ml (clone: DM33) followed by Alexa 488-conjugated rabbit IgG secondary antibody.
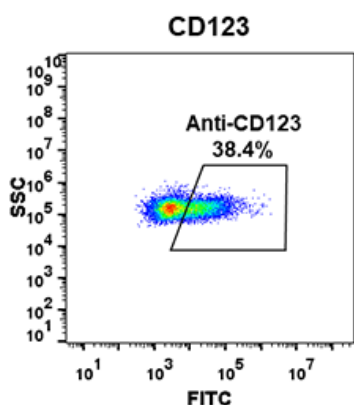
Figure 2. Flow cytometry data of serially titrated Rabbit CD123 monoclonal antibody (clone: DM33) on THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.
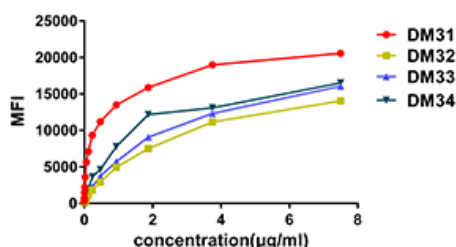

Figure 3. Affinity ranking of different Rabbit CD123 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

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