

## CD123 (DM33) RABBIT MAB

**Cat.#:** 28320

**Product Name:** Anti-CD123(DM33) Rabbit Monoclonal Antibody

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

**Description:** Anti-CD123 antibody(DM33) Rabbit Monoclonal Antibody

**Background:** 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-??

**Applications:** ELISA; Flow Cyt

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

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

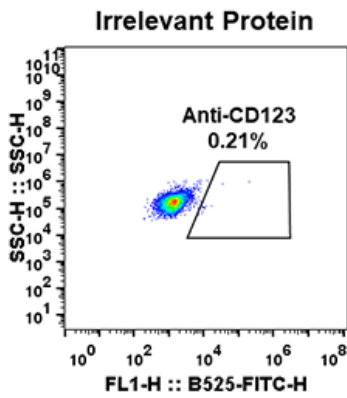
**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human 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).

**A**



**B**

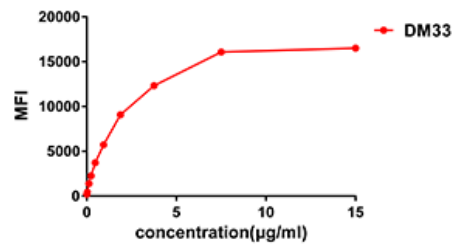
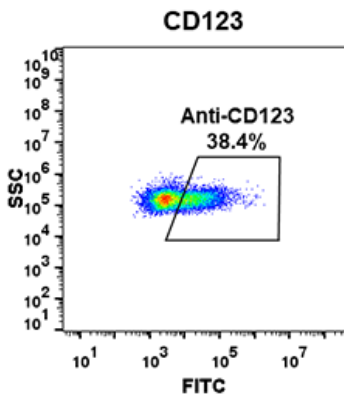


Figure 2. Flow cytometry data of serially titrated Rabbit anti-CD123 monoclonal antibody ( clone: DM33) on THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD123(right) were surface stained with Rabbit anti-CD123 monoclonal antibody 1µg/ml ( clone: DM33) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

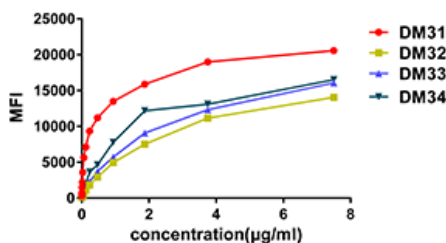


Figure 3. Affinity ranking of different Rabbit anti-CD123 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



# Product Description

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