

PRODUCT INFORMATION

Clone ID **DM33** CD123 **Target**

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

MGC34174; IL-3 R alpha

Host Species Rabbit

Description Anti-CD123 antibody(DM33); Rabbit mAb

Delivery In Stock **Uniprot ID** P26951 IgG type Rabbit IgG Monoclonal Clonality Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Storage & Shipping

Background

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

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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).

Lyophilized proteins are shipped at ambient

temperature.

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

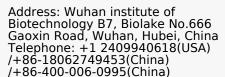
receptors for IL-??

Usage Research use only

Conjugate Unconjugated



Email: info@dimabio.com Website: www.dimabio.com







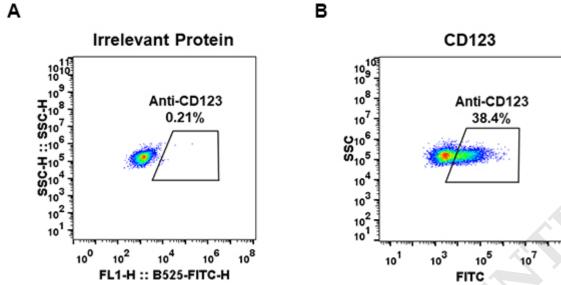


Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD123(right) were surface stained with Rabbit anti-CD123 monoclonal antibody $1\mu g/ml$ (clone: DM33) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

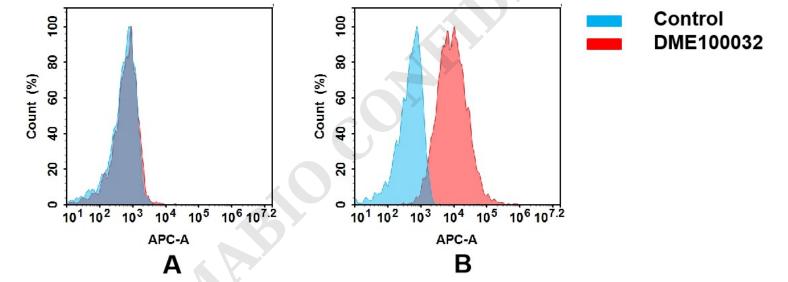


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD123 mAb(DME100032).

(A) DME100032 does not bind to CHO-S cells that do not express CD123.

(B) A clear peak shift of DME100032 was seen compared to the control when incubated with CD123-expressing THP-1 cells, indicating strong binding of DME100032 to CD123. Antibodies were incubated at 5 μg/mL.



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