

Rabbit CD123 Monoclonal Antibody | anti-CD123 antibody

Anti-CD123 antibody (DM34), Rabbit mAb

CATALOG # AAA314247	HOST Rabbit	REACTIVITY Interleukin 3 receptor alpha	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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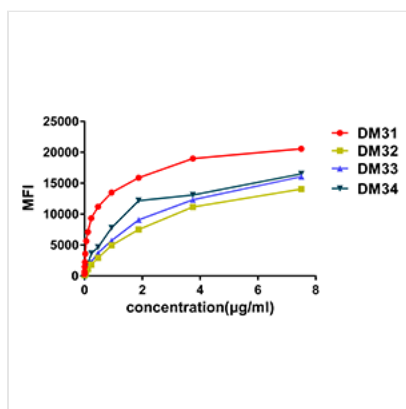
PRODUCT SYNONYMS

CD123; Monoclonal Antibody; Anti-CD123 antibody (DM34); Rabbit mAb; IL3R; IL3RA; IL-3Ra; IL-3R-alpha; IL3RAY; IL3RX; IL3RY; CD123 antigen; hIL3Ra; hIL-3Ra; MGC34174; IL-3 R alpha; anti-CD123 antibody

PRODUCT SPECIFICATIONS

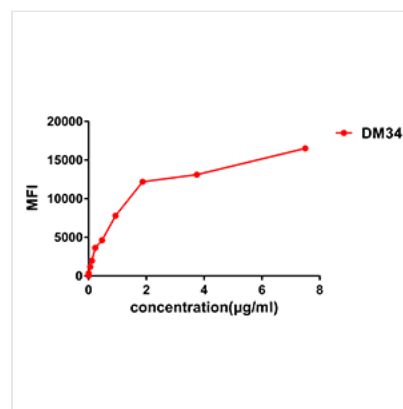
Host	Rabbit
Reactivity	Interleukin 3 receptor alpha
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM34
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA
Applicable Applications for anti-CD123 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human CD123 (Thr19-Arg305)(PME100003) produced by using human HEK293 cells
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



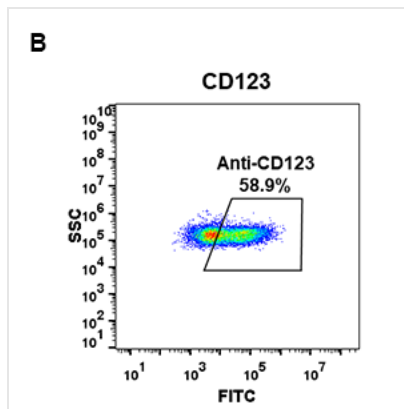
Application Data

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.

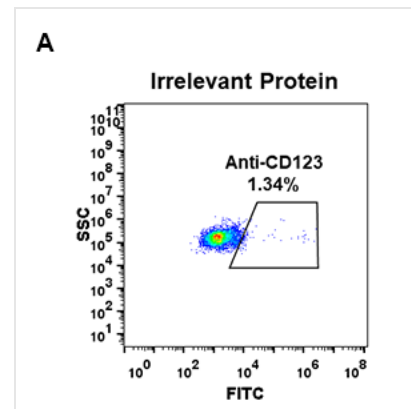


FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometry data of serially titrated Rabbit anti-CD123 monoclonal antibody (clone: DM34) on THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



Application Data



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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: DM34) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD123 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-alpha
Product Categories/Family for anti-CD123 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

Molecular Weight	Calculated MW: 39kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd123-antibody-clone-dm34-flow-cytometry-elisa/314247>