

# CD123 Rabbit mAb

Catalog No.: A26137 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

43kDa

### Category

Primary antibody

### Applications

FC, ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC65499

## Background

Enables interleukin-3 binding activity and interleukin-3 receptor activity. Acts upstream of or within interleukin-3-mediated signaling pathway; monocyte differentiation; and regulation of cell growth. Located in membrane. Is expressed in several structures.

## Recommended Dilutions

**FC** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

16188

### Swiss Prot

P26952

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

CD123; SUT-1; CDw123

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

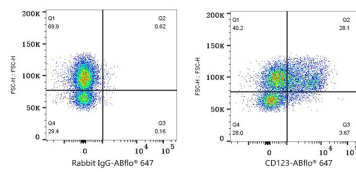
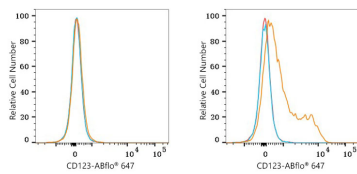
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  RAW264.7 cells (Low Expression, left) and C57BL/6 mouse bone marrow cells (right) were surface-stained with CD123 Rabbit mAb (A26137, 2  $\mu\text{g}/\text{mL}$ , orange line) or Rabbit IgG isotype control (AC042, 2  $\mu\text{g}/\text{mL}$ , blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse bone marrow cells were surface-stained with Rabbit IgG isotype control (AC042, 2  $\mu\text{g}/\text{mL}$ , left) or CD123 Rabbit mAb (A26137, 2  $\mu\text{g}/\text{mL}$ , right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.