

# ABflo® 488 Rabbit anti-Human CD123 mAb

Catalog No.: A28500

## Basic Information

### Observed MW

### Calculated MW

43 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC79001

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

CD123 is the 70 kDa transmembrane alpha chain of the interleukin-3 (IL-3) receptor. It binds IL-3 with low affinity when alone; however, upon association with CD131 (the common beta chain), the complex binds IL-3 with high affinity. CD123 does not transduce intracellular signals upon IL-3 binding and requires the beta chain for this function. CD123 is expressed on bone marrow precursor cells, macrophages, dendritic cells, mast cells, basophils, megakaryocytes, and certain B-cell populations.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

### Gene ID

3563

### Swiss Prot

P26951

### Immunogen

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

### Synonyms

IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra; IL-3R-alpha

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

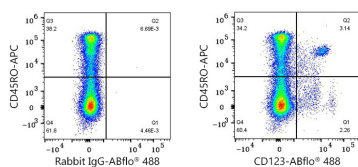
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

---



Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with APC anti-human CD45RO Antibody (5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Human CD123 mAb (A28500, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.