

# ABflo® 594 Rabbit anti-Human CD215/IL-15R $\alpha$ mAb

Catalog No.: A23849

## Basic Information

### Observed MW

### Calculated MW

15-28kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC55696

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

This gene encodes a cytokine receptor that specifically binds interleukin 15 (IL15) with high affinity. The receptors of IL15 and IL2 share two subunits, IL2R beta and IL2R gamma. This forms the basis of many overlapping biological activities of IL15 and IL2. The protein encoded by this gene is structurally related to IL2R alpha, an additional IL2-specific alpha subunit necessary for high affinity IL2 binding. Unlike IL2RA, IL15RA is capable of binding IL15 with high affinity independent of other subunits, which suggests distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported.

## Immunogen Information

### Gene ID

3601

### Swiss Prot

Q13261

### Immunogen

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

### Synonyms

IL15RA; CD215; interleukin-15 receptor subunit 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

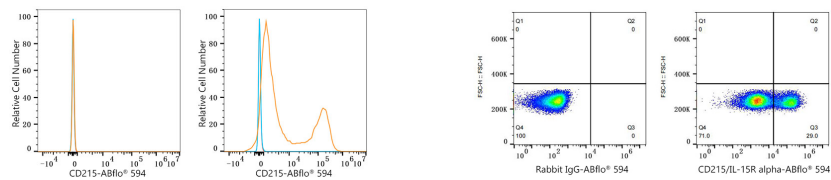
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry: 1X10<sup>6</sup> 293F cells(negative control,left) and 293F(Transfection,right) cells were surface-stained with ABflo® 594 Rabbit anti-Human CD215/IL-15R alpha mAb(A23849,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (5 µl/Test,blue line).Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:1X10<sup>6</sup> 293T(Transfection) cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD215/IL-15R alpha mAb(A23849,5 µl/Test,right).