

# ABflo® 647 Rabbit anti-Human IL-6R/CD126 mAb

Catalog No.: A26724

## Basic Information

### Observed MW

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Human

### CloneNo number

ARC64301-ABflo647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

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

## Background

This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been identified in this gene. A pseudogene of this gene is found on chromosome 9.

## Immunogen Information

### Gene ID

3570

### Swiss Prot

P08887

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-358 of human IL-6R/CD126 (NP\_000556.1).

### Synonyms

IL6Q; gp80; CD126; HIES5; IL-6R; IL6RA; IL6RQ; IL-1Ra; IL-6RA; IL6QTL; IL-6R-1

## 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

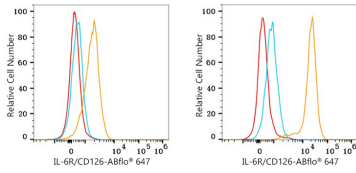
Affinity purification

### Storage

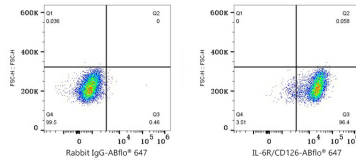
Store at 2-8°C. Avoid freeze.

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

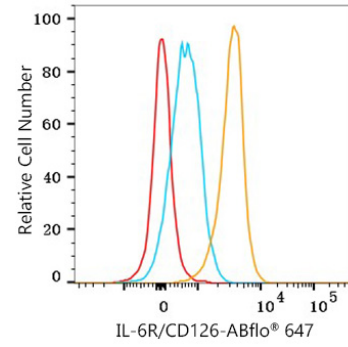
## Validation Data



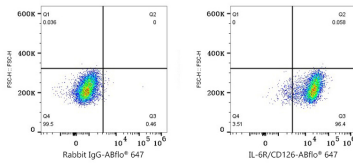
Flow cytometry:  $1 \times 10^6$  HeLa cells (negative control, left) and U266 cells (right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human IL-6R/CD126 mAb (A26724, 2  $\mu\text{g}/\text{mL}$ , orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu\text{l}/\text{Test}$ , blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  U266 cells were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu\text{l}/\text{Test}$ , left) or ABflo® 647 Rabbit anti-Human IL-6R/CD126 mAb (A26724, 5  $\mu\text{l}/\text{Test}$ , right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were intracellularly-stained with ABflo® 647 Rabbit anti-Human IL-6R/CD126 mAb (A26724, 5  $\mu\text{l}/\text{Test}$ , orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu\text{l}/\text{Test}$ , blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Human PBMC were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu\text{l}/\text{Test}$ , left) or ABflo® 647 Rabbit anti-Human IL-6R/CD126 mAb (A26724, 5  $\mu\text{l}/\text{Test}$ , right). Cells in the Lymphocytes gate were used for analysis.