

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

Catalog No.: A26724

Basic Information

Observed MW

Calculated MW

52kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC64301

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC (intra) 5 μ l per 10^6 cells in
100 μ l 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 protein (or fragment). This information is considered to be commercially sensitive.

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

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

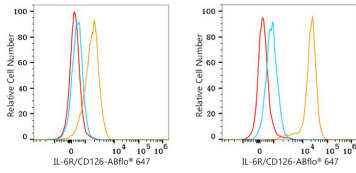
Affinity purification

Storage

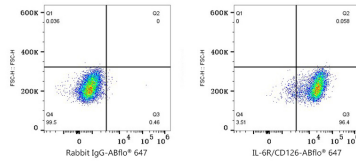
Store at 2-8°C. Avoid freeze.

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

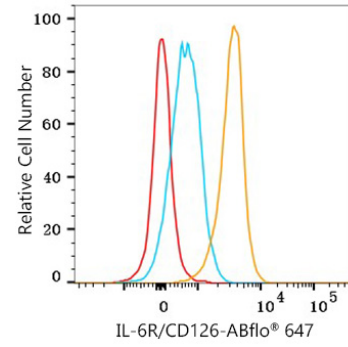
Validation Data



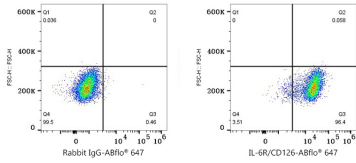
Flow cytometry: 1×10^6 HeLa cells (negative control, left) and U266 cells (right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human IL-6R/CD126 mAb (A26724, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, blue line).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



Flow cytometry: 1×10^6 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: 1×10^6 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: 1×10^6 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.