

ABflo® 488 Rabbit anti-Mouse CD126/IL-6R α chain mAb

Catalog No.: A25149

Basic Information

Observed MW

Calculated MW

50kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC63756

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

Enables interleukin-6 binding activity and interleukin-6 receptor activity. Involved in T-helper 17 cell lineage commitment and interleukin-6-mediated signaling pathway. Located in cell surface. Part of interleukin-6 receptor complex. Is expressed in several structures, including adipose tissue; alimentary system; genitourinary system; hemolymphoid system; and nervous system. Human ortholog(s) of this gene implicated in Alzheimer's disease; Huntington's disease; hyper IgE syndrome; obesity; and stomach cancer. Orthologous to human IL6R (interleukin 6 receptor).

Immunogen Information

Gene ID

16194

Swiss Prot

P22272

Immunogen

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

Synonyms

Il6r; CD126; IL-6R; IL-6RA; IL-6R-alpha

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

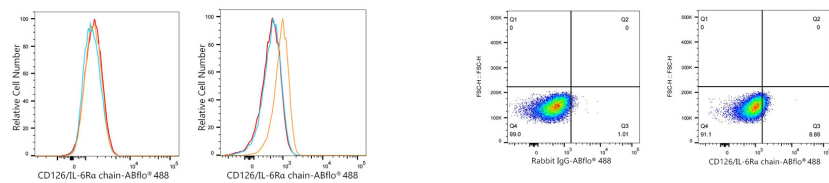
Affinity purification

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: 1×10^6 C2C12 cells (Low Expression, left) and RAW 264.7 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD126/IL-6R α chain mAb (A25149, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 RAW 264.7 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Mouse CD126/IL-6R α chain mAb (A25149, 5 μ l/Test, right).