Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Mouse CD126/IL-6Rα 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.

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).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

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

400-999-6126

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Product Information

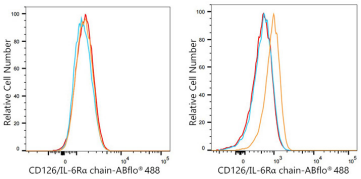
Source
Rabbit

Isotype
IgG

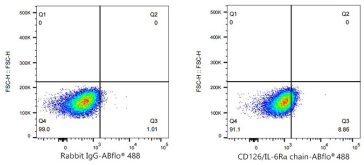
Purification
Affinity purification

Storage
Store at 2-8℃. 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: 1X10^6 C2C12 cells (Low Expression,left) and RAW 264.7 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD126/IL-6Rα chain mAb (A25149,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 RAW 264.7 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD126/IL-6Rα chain mAb (A25149,5 µl/Test,right).