

ABflo® 647 Rabbit anti-Mouse IL-33R/ST2 mAb

Catalog No.: A26401

Basic Information

Observed MW

Refer to figures

Calculated MW

38kDa/65kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC67060-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables interleukin-33 binding activity and interleukin-33 receptor activity. Involved in several processes, including negative regulation of T-helper 1 type immune response; positive regulation of macrophage activation; and regulation of cytokine production. Acts upstream of or within negative regulation of I-kappaB kinase/NF-kappaB signaling. Located in external side of plasma membrane and extracellular matrix. Is expressed in several structures, including immune system; musculoskeletal system; salivary gland; skin; and visual system. Human ortholog(s) of this gene implicated in asthma and coronary artery disease. Orthologous to human IL1RL1 (interleukin 1 receptor like 1).

Immunogen Information

Gene ID

17082

Swiss Prot

P14719

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 27-332 of mouse IL-33R /ST2 (NP_001020773.1).

Synonyms

T1; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

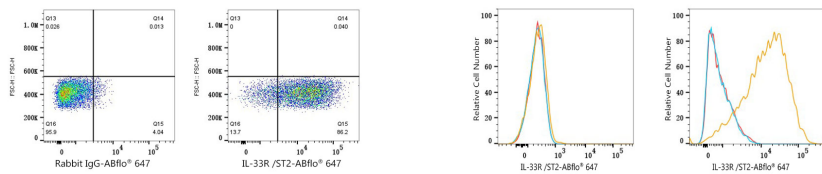
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 P815 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/Test,left) or ABflo® 647 Rabbit anti-Mouse IL-33R/ST2 mAb (A26401,5 μ l/Test,right).

Flow cytometry: 1×10^6 C2C12 cells (negative control,left) and P815 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse IL-33R/ST2 mAb (A26401,5 μ l/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).