

ABflo® 700 Rabbit anti-Mouse CD25

Catalog No.: A27355

Basic Information

Observed MW

Calculated MW

30kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC54525

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

Background

Enables interleukin-2 binding activity and interleukin-2 receptor activity. Acts upstream of or within several processes, including Notch signaling pathway; activation-induced cell death of T cells; and regulation of T cell proliferation. Located in external side of plasma membrane. Is expressed in bone marrow. Used to study Sjogren's syndrome and inflammatory bowel disease. Human ortholog(s) of this gene implicated in immunodeficiency 41; lymphopenia; multiple sclerosis; type 1 diabetes mellitus; and type 1 diabetes mellitus 10. Orthologous to human IL2RA (interleukin 2 receptor subunit alpha).

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

16184

Swiss Prot

P01590

Immunogen

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

Synonyms

CD25; IL2r; Ly-43

Contact

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Product Information

Source

Rabbit

Isotype

IgG

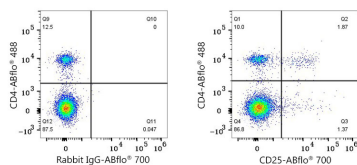
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rabbit anti-Mouse CD4 mAb (A24907, 5 μ l/Test) and ABflo® 700 Rabbit IgG isotype control (A25976, 5 μ l/Test, left) or ABflo® 700 Rabbit anti-Mouse CD25 mAb (A27355, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.