Leader in Biomolecular Solutions for Life Science

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ABflo® 610 Rabbit anti-Mouse CD25 mAb

Catalog No.: A29004

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC54525

Conjugate
ABflo® 610. Ex:421nm. Em:612nm.

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	≤0.5 μg per million 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

400-999-6126

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Product Information

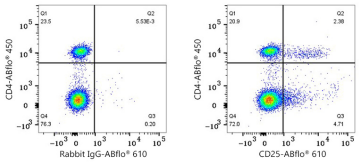
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941,5 µl/Test) and ABflo® 610 Rabbit IgG isotype control (A25826,5 µl/Test,left) or ABflo® 610 Rabbit anti-Mouse CD25 mAb (A29004,0.5 µg,right).