A29531

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

ABflo® 450 Rabbit anti-Mouse CD25 mAb

Catalog No.: A29531

Basic Information

Observed MW

Calculated MW
31kDa

Category
Antibody

Applications
FC

Cross-Reactivity
Mouse

Conjugate
ABflo® 450. Ex:406nm. Em:445nm.

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

Contact

www.abclonal.com

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® 488 Rabbit anti-Mouse CD4 mAb (A24720,5 µl/Test) and ABflo® 450 Rabbit IgG isotype control (A27451,5 µl/Test,left) or ABflo® 450 Rabbit anti-Mouse CD25 mAb (A29531,0.5 µg,right).