ABflo® 488 Rabbit anti-Mouse CD25 mAb

Catalog NO.: A23807

Basic Information

Observed MW
Refer to figures

Calculated MW
30KDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
ABflo® 488. Ex:491nm. Em:516nm.

Clone number
ARC54525

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 10^6 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

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

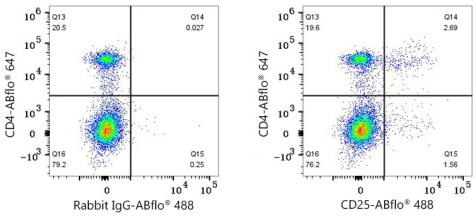
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. 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 C57BL/6 mouse splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD4 mAb (A24721,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD25 mAb (A23807,5 µl/Test,right).

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.