# ABflo® 647 Rabbit anti-Mouse CD25 mAb

ABclonal www.abclonal.com

Catalog No.: A23808

### **Basic Information**

#### **Observed MW**

Refer to figures

### **Calculated MW**

30KDa

### Category

Primary antibody

### **Applications**

FC

#### **Cross-Reactivity**

Mouse

### CloneNo number

ARC54525

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

# **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; II2r; Ly-43

### **Contact**

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### **Product Information**

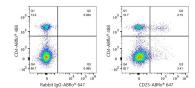
SourceIsotypePurificationRabbitIgGAffinity purification

#### 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 & 488 Rabbit anti-Mouse CD4 mAb (A24907,5  $\mu$ I/Test) and ABflo & 647 Rabbit IgG isotype control (A22070,5  $\mu$ I/Test,left) or ABflo & 647 Rabbit anti-Mouse CD25 mAb (A23808,5  $\mu$ I/Test,right).