# ABflo® 488 Rabbit anti-Mouse IL-13 mAb

ABclonal®
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Catalog No.: A25118

### **Basic Information**

#### **Observed MW**

### **Calculated MW**

14kDa

### Category

Primary antibody

### **Applications**

FC (intra)

### **Cross-Reactivity**

Mouse

#### CloneNo number

ARC64322-ABflo488

# Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

# **Background**

Predicted to enable interleukin-13 receptor binding activity. Involved in positive regulation of cold-induced thermogenesis and positive regulation of macrophage activation. Acts upstream of or within cellular response to cytokine stimulus; inflammatory response; and positive regulation of immune effector process. Located in cytoplasm; external side of plasma membrane; and extracellular space. Is expressed in gut; liver; male reproductive gland or organ; and thymus. Used to study atopic dermatitis. Human ortholog(s) of this gene implicated in several diseases, including allergic disease (multiple); autoimmune disease (multiple); diffuse scleroderma; lung disease (multiple); and nose disease (multiple). Orthologous to human IL13 (interleukin 13).

# **Recommended Dilutions**

FC (intra)

5  $\mu$ l per 10^6 cells in 100  $\mu$ l volume

# **Immunogen Information**

**Gene ID** 16163

**Swiss Prot** 

P20109

### **Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 20-131 of mouse IL-13 (NP\_032381.1).

### **Synonyms**

II-13

# **Contact**

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### **Product Information**

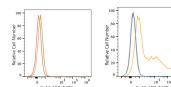
SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

# **Validation Data**







Flow cytometry: 1X10^6 CHO cells (negative control,left) and CHO (Transfection,right) cells were intracellularly-stained with ABflo® 488 Rabbit anti-Mouse IL-13 mAb (A25118,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1X10^6$  CHO (Transfection) cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ I/Test,left) or ABflo® 488 Rabbit anti-Mouse IL-13 mAb (A25118,5  $\mu$ I/Test,right).