

ABflo® 488 Rabbit anti-Mouse IL-13 mAb

Catalog NO.: A25118

Basic Information

Observed MW

Calculated MW

14kDa

Category

Monoclonal Antibodies

Applications

FC (intra)

Cross-Reactivity

Mouse

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC64322

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 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

16163

Swiss Prot

P20109

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

IL-13

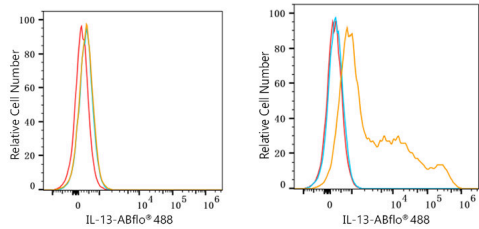
Contact

Product Information

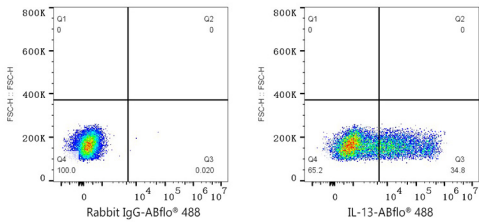
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ 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: 1X10⁶ CHO (Transfection) cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse IL-13 mAb (A25118,5 µl/Test,right).

