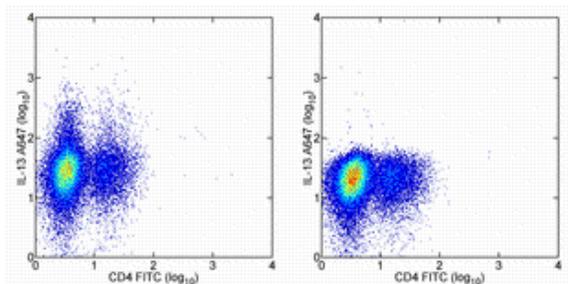


Anti-Mouse IL-13 Alexa Fluor® 647 (To Be Discontinued. Refer to Cat. No. 50-7133)

Catalog Number: 51-7133

Also Known As: Interleukin-13, IL13

RUO: For Research Use Only. Not for use in diagnostic procedures.



Intracellular staining of Th2-polarized BALB/c splenocytes restimulated with PMA/Ionomycin in the presence of monensin for 5 hours with Anti-Mouse CD4 FITC (cat. 11-0042), and 0.06 µg Anti-Mouse IL-13 Alexa Fluor® 647 (left). The ligand blocking control demonstrates specificity - pre-blocking with 1.0 µg of Mouse IL-13 Recombinant Protein (cat. 14-8131) prior to staining with Anti-Mouse IL-13 Alexa Fluor® 647 blocks signal (right).

Product Information

Contents: Anti-Mouse IL-13 Alexa Fluor® 647 (To Be Discontinued. Refer to Cat. No. 50-7133)

REF **Catalog Number:** 51-7133

Clone: eBio13A

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The eBio13A antibody reacts with mouse IL-13. IL-13 is a cytokine produced mainly by Th2 cells, but also by antigen-primed CD8 T cells. IL-13 has a strong involvement in allergic inflammation and parasitic clearing and in cancer models has been shown to have either inhibitory or stimulatory activity depending on the tumor. In humans, IL-13 is found to play a role in isotype switching in B cells. IL-13 is implicating in down modulating macrophage activity, through the reduction of pro-inflammatory cytokines (IL-1, IL-6, IL-8, IL-10, IL-12)

Applications Reported

The eBio13A antibody has been reported useful for ELISA and ELISPOT capture, as well as intracellular staining for flow cytometric analysis.

Applications Tested

This eBio13A antibody has been tested by intracellular staining and flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

11-0042 Anti-Mouse CD4 FITC (RM4-5)

14-8131 Mouse IL-13 Recombinant Protein

34-8131 Mouse IL-13 Recombinant Protein Carrier-Free
51-4301 Rat IgG1 K Isotype Control Alexa Fluor® 647 (To Be Discontinued. Refer to Cat. No. 50-4301)
53-7041 Anti-Mouse IL-4 Alexa Fluor® 488 (11B11)
53-7101 Anti-Mouse IL-10 Alexa Fluor® 488 (JES5-16E3)
88-7825 Mouse IL-5 ELISPOT Ready-SET-Go!®

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