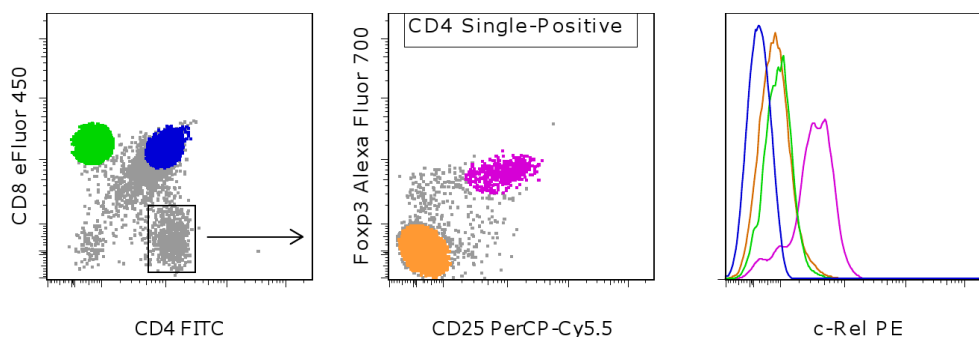


Anti-Mouse c-Rel PE

Catalog Number: 12-6111

Also known as: Rel

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



Mouse thymocytes were stained with Anti-Mouse CD4, Anti-Mouse CD8 and Anti-Mouse CD25, then fixed and permeabilized with Foxp3 Staining Buffer and stained intracellularly for Anti-Mouse Foxp3 and Anti-Mouse c-Rel PE. Anti-Mouse cRel PE staining (right) was compared in CD8+CD4- (left, green), CD4+CD8+ (left, blue), CD4+CD8-CD25-Foxp3- (center, orange), and CD4+CD8-CD25+Foxp3+ (center, pink) populations.

Product Information

Contents: Anti-Mouse c-Rel PE
Catalog Number: 12-6111
Clone: 1RELAH5
Concentration: 0.2 mg/mL
Host/Isotype: Rat IgG2a, kappa

REF

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
Contains sodium azide



Description

The 1RELAH5 monoclonal antibody reacts with mouse c-Rel. c-Rel is a 65 kDa hematopoietic lineage-restricted member of the NF-κB family of transcription factors. In the thymus, c-Rel is upregulated in regulatory T cells (Treg) when compared to other CD4+ thymocytes. c-Rel is believed to play a critical role in thymic Treg (nTreg) development, but is not necessary for TGF beta-mediated T reg (iTreg) differentiation. C-Rel is also involved in proliferation and survival in mature T cells.

Applications Reported

This 1RELAH5 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This 1RELAH5 antibody has been tested by intracellular staining and flow cytometric analysis of mouse thymocytes using the Foxp3 Fixation/Permeabilization Buffers (cat. 00-5521) and protocol. 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.

Not for further distribution without written consent.

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Related Products

00-5521 Foxp3 Fixation/Permeabilization Concentrate and Diluent
00-5523 Foxp3 / Transcription Factor Staining Buffer Set
11-0042 Anti-Mouse CD4 FITC (RM4-5)
11-5773 Anti-Mouse/Rat Foxp3 FITC (FJK-16s)
12-4321 Rat IgG2a K Isotype Control PE (eBR2a)
45-0251 Anti-Mouse CD25 PerCP-Cy5.5 (PC61.5)
48-0081 Anti-Mouse CD8a eFluor® 450 (53-6.7)
56-5773 Anti-Mouse/Rat Foxp3 Alexa Fluor® 700 (FJK-16s)