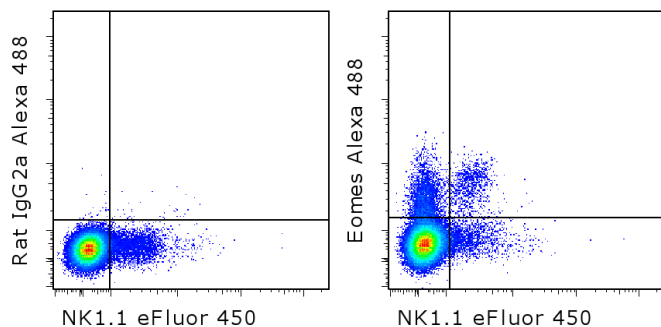


Anti-Mouse EOMES Alexa Fluor[®] 488

Catalog Number: 53-4875

Also known as: Eomesodermin, TBR2

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



Staining of C57Bl/6 splenocytes with Anti-Mouse NK1.1 eFluor[®] 450 (cat. 48-5941) followed by intracellular staining with 0.25 ug of Rat IgG2a K Isotype Control Alexa Fluor[®] 488 (cat. 53-4321) (left) or 0.25 ug of Anti-Mouse EOMES Alexa Fluor[®] 488 (right) using the Foxp3 Staining Buffers (cat. 00-5521). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse EOMES Alexa Fluor[®] 488

REF **Catalog Number:** 53-4875

Clone: Dan11mag

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2a, 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



LOT



Description

This Dan11mag antibody recognizes Eomesodermin (Eomes), also known as T-box brain 2 (TBR2). Eomes is a T-box transcription factor that is highly homologous to T-bet, which is essential during trophoblast development and gastrulation in most vertebrates. In the immune system, Eomes controls the differentiation of effector and memory CD8⁺ T cells, as well as natural killer (NK) cells. Expression of Eomes in these cells correlates with high expression of CD122, the common beta-chain of the IL-2R and IL-15R.

Applications Reported

This Dan11mag antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This Dan11mag antibody has been tested by intracellular staining and flow cytometric analysis of mouse splenocytes using the Foxp3 Staining Buffers (cat. 00-5521). Please see Best Protocols Section (Staining Intracellular Antigens for Flow Cytometry) for staining protocol (refer to Protocol B: One-step protocol for intracellular (nuclear) proteins). This can be used at less than or equal to 0.5 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.

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Intlekofer AM, Banerjee A, Takemoto N, Gordon SM, Dejong CS, Shin H, Hunter CA, Wherry EJ, Lindsten T, Reiner

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Related Products

00-5521 Foxp3 Fixation/Permeabilization Concentrate and Diluent

48-4321 Rat IgG2a K Isotype Control eFluor[®] 450 (eBR2a)

48-5941 Anti-Mouse NK1.1 eFluor[®] 450 (PK136)

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