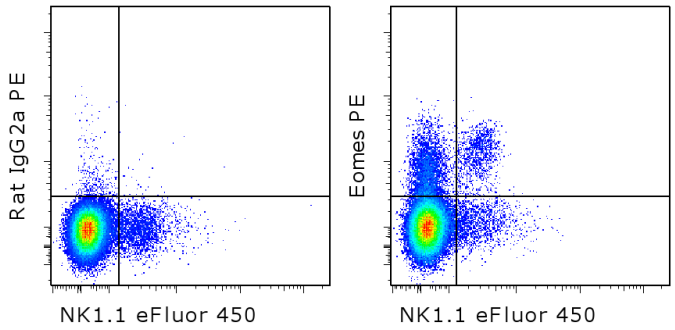
Anti-Mouse EOMES PE

Catalog Number: 12-4875
Also known as: Eomesodermin, TBR2
RUO: For Research Use Only. Not for use in diagnostic procedures.



Surface 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 PE (cat. 12-4321) (left) or 0.25 ug of Anti-Mouse EOMES PE (right) using the Foxp3 buffer set (cat. 00-5523). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse EOMES PE
REF **Catalog Number:** 12-4875
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.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial
Caution, contains Azide

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 flow cytometric analysis of mouse splenocytes using the Foxp3 Staining Buffer Set (cat. 00-5523) and protocol. 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 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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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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Ryan K, Garrett N, Mitchell A, Gurdon JB. Eomesodermin, a key early gene in Xenopus mesoderm differentiation. Cell. 1996 Dec 13;87(6):989-1000.

Related Products
00-5523 Foxp3 / Transcription Factor Staining Buffer Set
11-0031 Anti-Mouse CD3e FITC (145-2C11)
12-4321 Rat IgG2a K Isotype Control PE (eBR2a)
17-5941 Anti-Mouse NK1.1 APC (PK136)

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