

EOMES Monoclonal Antibody (Dan11mag), Alexa Fluor 660, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), Alexa Fluor 660, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	Dan11mag
Conjugate	Alexa Fluor® 660
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	-

Product Specific Information

Description: The 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.

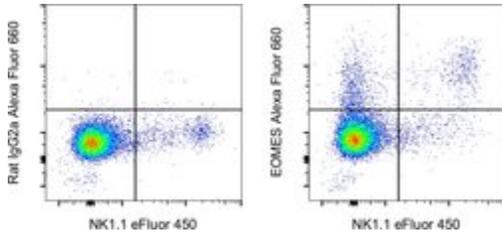
Applications Reported: This Dan11mag antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested: This Dan11mag antibody has been tested by intracellular staining followed by flow cytometric analysis of mouse splenocytes using the Foxp3/Transcription Factor Staining Buffer Set (Product # 00-5523-00) and protocol. Please refer to "Staining Intracellular Antigens for Flow Cytometry, Protocol B: One step protocol for intracellular (nuclear) proteins" located at Flow Protocols. This may be used at less than or equal to 0.25 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.

Alexa Fluor 660 emits at 690 nm and is intended for use on spectral cytometers where it may be multiplexed with APC, Alexa Fluor 647 and Alexa Fluor 700.

Excitation: 662 nm; Emission: 690 nm; Laser: Red Laser

Product Images For EOMES Monoclonal Antibody (Dan11mag), Alexa Fluor 660, eBioscience™



EOMES Antibody (606-4875-82) in Flow

C57BL/6 mouse splenocytes were surface-stained with NK1.1 Monoclonal Antibody, eFluor 450 (Product # 48-5941-82). Cells were then stained intracellularly, using the Foxp3/Transcription Factor Staining Buffer Set (Product # 00-5523-00) and protocol, with 0.125 µg of Rat IgG2a kappa Isotype Control, Alexa Fluor 660 (Product # 606-4321-81) (left) or 0.125 µg of EOMES Monoclonal Antibody, Alexa Fluor 660 (right). Cells in the lymphocyte gate were used for analysis. This data was collected on a 5-laser Cytex Aurora full spectral cytometer.

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