

PE anti-human EOS

Catalog # / Size: 2596515 / 25 tests
2596520 / 100 tests

Clone: W16032A

Isotype: Rat IgG2a, κ

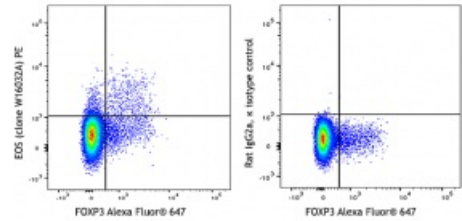
Immunogen: Human EOS recombinant protein (271-520a.a)

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA)

Concentration: Lot-specific



Human peripheral blood lymphocytes were surface stained with CD3 FITC and CD4 APC/Fire™ 750 and then treated with the True-Nuclear™ Transcription Factor Buffer Set. Cells were then stained with EOS PE (clone W16032A) (left) or rat IgG2a, κ PE isotype (right), and FOXP3 Alexa Fluor® 647. Cells shown are gated on CD3⁺CD4⁺ cells.

Applications:

Applications: Intracellular Staining for Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by intracellular flow cytometry using True-Nuclear™ Transcription Factor Staining Protocol. For flow cytometric staining, the suggested use of this reagent is 5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Description: EOS also known as IKZF4 is an IKAROS Family Member expressed in lymphocytes, specifically in Tregs. It plays an important role in the inhibitory function of Tregs. It may be involved in the development of the central and peripheral nervous systems as well as lymphoid development.

- Antigen References:**
1. Honma Y, *et al.* 1999. *FEBS Lett.* 447(1):76-80.
 2. Perdomo J, *et al.* 2000. *J. Biol chem* 275(49):38347-54.
 3. Westman BJ, *et al.* 2004. *Biochemistry.* 43(42):13318-27.
 4. Pan F, *et al.* 2009. *Science.* 325(5944):1142-6.