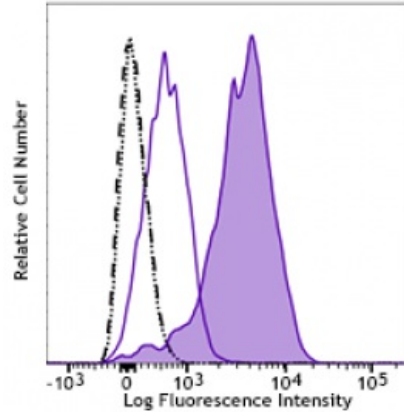


PE/Cy7 anti-IRF4

- Catalog # / Size:** 3832065 / 25 µg
3832070 / 100 µg
- Clone:** IRF4.3E4
- Isotype:** Rat IgG1, κ
- Immunogen:** GST fusion protein containing C-terminal of murine IRF4
- Reactivity:** Human, Mouse
- Preparation:** The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.
- Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
- Concentration:** 0.2 mg/ml



PHA-stimulated (3 days) or freshly isolated human peripheral blood lymphocytes were stained with CD4 APC, this fixed and permeabilized with True-Nuclear™ Transcription Factor Buffer Set (Cat. No. 424401). Cells were then stained with IRF4 (clone IRF

Applications:

Applications: Intracellular Flow Cytometry

Application References: 1. Lu R. 2008. *Trends Immunol* 29:487.

Description: The IRF family consists of at least nine members. IRF4 and IRF8 are highly homologous to each other and also redundant in function. IRF4 is critical for Th2 and Th17 development. Together with TRF8, it plays an essential role in macrophage and dendritic cell development and function. IRF4 is also reported to be essential for pre-B cell development, receptor editing, germinal center reactor and plasma cell differentiation.

Antigen References: 1. Lu R. 2008. *Trends Immunol* 29:487.