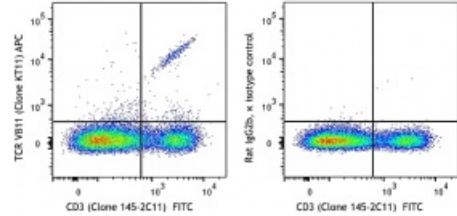


APC anti-mouse TCR Vβ11

Catalog # / 1229570 / 100 µg
Size: 1229565 / 25 µg
Clone: KT11
Isotype: Rat IgG2b, κ
Reactivity: Mouse



C57BL/6 splenocytes were stained with CD3 (clone 145-2C11) FITC and TCR Vβ11 (clone KT11) APC (left) or Rat IgG2b, κ APC isotype control (right).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Quigley MF, et al. 2010. *Proc Natl Acad Sci USA*. 9:19414. [PubMed](#)

Description: The Vβ11 gene locus is deleted in mice of TCR a haplotype (C57BR, C57L, SJL, SWR) and TCR c haplotype (RIII). Mice of TCR b haplotype (C57BL, BALB/c, AKR, etc) have Vβ11-bearing T cells. However, mice expressing MHC class II I-E and some superantigens, such as Mtv-8, Mtv-9 and Mtv-11 will show a partial deletion of Tβ11-bearing T cells.