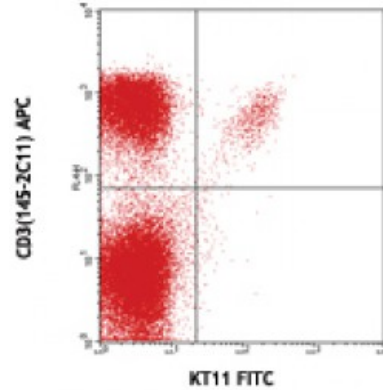


FITC anti-mouse TCR V β 11

Catalog # / Size: 1229525 / 100 μ g
Clone: KT11
Isotype: Rat IgG2b, κ
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5



C57BL/6 splenocytes stained with CD3 (145-2C11) APC and KT11 FITC

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 ≤ 0.25 microg per million cells in 100 microL 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 V β 11 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 V β 11-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 T β 11-bearing T cells.