

Product Data Sheet

Purified anti-mouse TCR V β 11

Catalog # / Size: 125901 / 100 μ g

Clone: KT11

Isotype: Rat IgG2b, κ

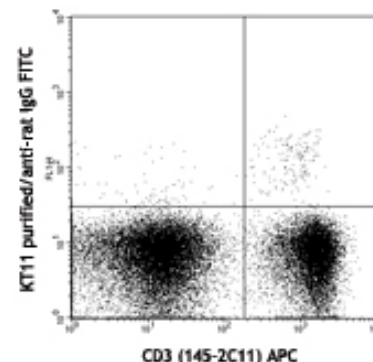
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



BALB/c splenocytes stained with CD3 (145-2C11) APC and KT11 purified, followed by anti-rat IgG FITC

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 μ g per million cells in 100 μ l 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.

Related Products:

Product
 Purified Rat IgG2b, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone
 RTK4530

Application
 FC, ICC, ICFC, IF, IHC, IP, WB
 FC, ICC, ICFC
 FC, ICFC



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