

PE anti-mouse TCR V α 11.1, 11.2

Catalog # / Size: 139903 / 25 μ g
139904 / 100 μ g

Clone: RR8-1

Isotype: Rat IgG2b, κ

Immunogen: Mouse T-cell clone B10

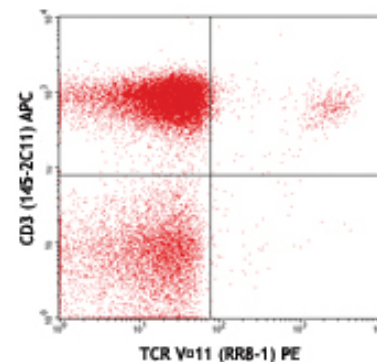
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

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

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 mouse lymph node stained with TCR V α 11 (RR8-1) PE and CD3 (145-2C11) APC

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 ≤ 0.06 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. Jameson SC, *et al.* 1991. *J. Immunol.* 147:3185. (FC)

Description: V α 11 T cell receptor (TCR V α 11) is a variant of TCR α chain and, along with TCR β chain, forms the TCR heterodimer. In association with the CD3 complex, TCR $\alpha\beta$ is responsible for antigen recognition through the interaction with MHC-peptide complex to initiate the T cell-mediated immune responses. The RR8-1 antibody is specific for b and d haplotypes of TCR V α 11.1 and V α 11.2, but not for V α 11.3. It does not react with a and c haplotypes of TCR V α 11.

Related Products:	Product	Clone	Application
	PE Rat IgG2b, κ Isotype Ctrl	RTK4530	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	TruStain fcX™ (anti-mouse CD16/32)	93	FC



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