

## PE anti-mouse TCR V $\alpha$ 8.3

**Catalog # / Size:** 127708 / 100  $\mu$ g

**Clone:** B21.14

**Isotype:** Rat IgG1,  $\kappa$

**Immunogen:** Soluble TCR from mouse CTL clone CW3/1.1

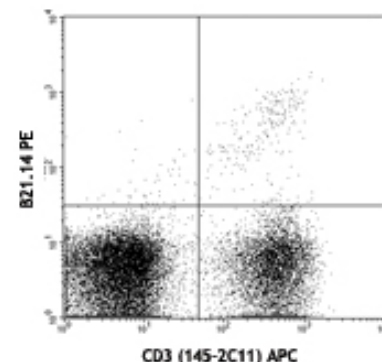
**Reactivity:** mouse

**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.**



BALB/c mouse splenocytes stained with CD3 (145-2C11) APC and B21.14 PE

## 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  $\leq 0.25$   $\mu$ g per million cells in 100  $\mu$ l volume. It is recommended that the reagent be titrated for optimal performance for each application.

**Application References:** 1. Necker A, *et al.* 1991. *Eur J. Immunol.* 21:3035  
2. Brodnicki TC, *et al.* 1996. *Mol Immunol* 33:253  
3. Tomonari K, *et al.* 1992. *Immunogenetics* 35:291

**Description:** The B21.14 antibody recognizes an epitope of the CDR1 on the Va 8.3 subfamily of TCR having the a,b,c and d haplotypes of Tcr $\alpha$  gene complex.

**Antigen References:** 1. Kubo RT, *et al.* 1989. *J. Immunol.* 142:2736  
2. Brodnicki TC, *et al.* 1996. *Mol Immunol* 33:253

### Related Products:

**Product**  
PE Rat IgG1,  $\kappa$  Isotype Ctrl  
Cell Staining Buffer  
RBC Lysis Buffer (10X)

**Clone**  
RTK2071

**Application**  
FC, ICFC  
FC, ICC, ICFC  
FC, ICFC



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