

# Product Data Sheet

## Alexa Fluor® 647 anti-mouse TCR V $\alpha$ 8.3

**Catalog # / Size:** 125709 / 100  $\mu$ g

**Clone:** KT50

**Isotype:** Rat IgG2a,  $\kappa$

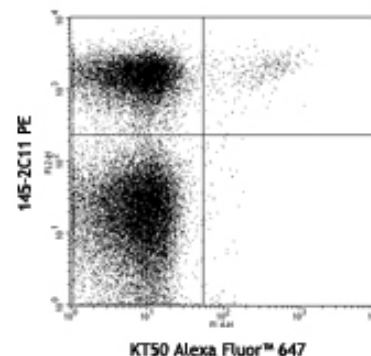
**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 647.

**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 and protected from prolonged exposure to light. **Do not freeze.**



BALB/c splenocytes stained with 145-2C11 PE and KT50 Alexa Fluor® 647

## 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.

\* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633 nm / 635 nm.

\*\* Alexa Fluor® 647 is a registered trademark of Molecular Probes, Inc. Alexa Fluor® 647 dye antibody conjugates are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays and high content screening, and are covered by pending and issued patents.

**Application References:** 1. Tomonari K, *et al.* 1989. *Eur J. Immunol.* 19:1131

**Description:** KT50 antibody reacts with V $\alpha$ 8.3 of mouse strains of TCR a,b,d and d haplotypes.

**Antigen References:** 1. Tomonari K, *et al.* 1989. *Eur. J. Immunol.* 19:1131

### Related Products:

Product	Clone	Application
Alexa Fluor® 647 Rat IgG2a, $\kappa$ Isotype Ctrl	RTK2758	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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