

PE/Cy7 anti-mouse H-2Kb

Catalog # / Size: 1182600 / 100 µg
1182595 / 25 µg

Clone: AF6-88.5

Isotype: Mouse IgG2a, κ

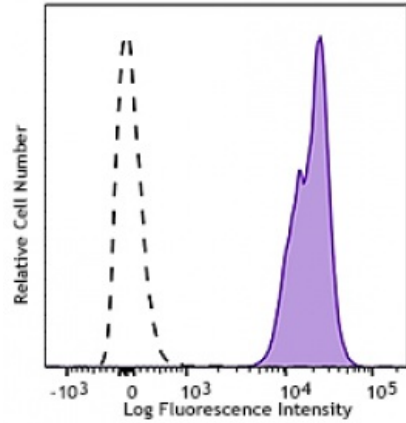
Immunogen: C57BL mouse splenocytes

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.

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

Concentration: 0.2 mg/ml



C57BL/6 mouse splenocytes were stained with PE/Cy7 AF6-88.5 (filled histogram) or PE/Cy7 Mouse IgG2a, κ Isotype Ctrl Antibody (dashed histogram).

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 ≤ 0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: immunoprecipitation² and immunohistochemical staining of acetone-fixed frozen sections³. Clone AF6-88.5 is not suitable for immunohistochemical staining of formalin-fixed paraffin embedded sections.

Application References:

1. Watts C. 1997. *Ann. Review Immunol.* 15:821.
2. Pamer E, *et al.* 1998. *Ann. Review Immunol.* 16:323.
3. York I, *et al.* 1996. *Ann. Rev. Immunol.* 14:369.

Description: The AF6-88.5 antibody reacts with H-2K^b MHC class I alloantigen expressed on nucleated cells from mice of the H-2K^b haplotype. H-2K^b is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins. The AF6-88.5 antibody does not cross-react with other haplotypes (d, f, j, k, p, q, r, s, u, v).

Antigen References:

1. Watts C. 1997. *Ann. Review Immunol.* 15:821.
2. Pamer E, *et al.* 1998. *Ann. Review Immunol.* 16:323.
3. York I, *et al.* 1996. *Ann. Rev. Immunol.* 14:369.