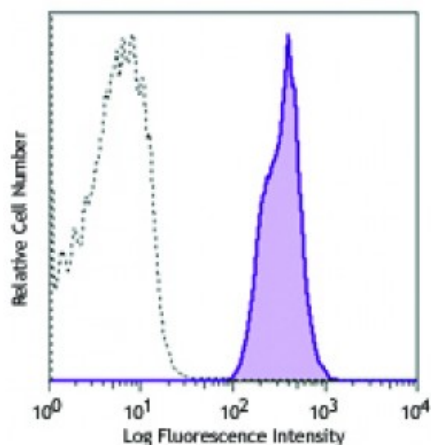


Purified anti-mouse H-2K b/H-2D b

Catalog # / Size: 1173010 / 500 µg
Clone: 28-8-6
Isotype: Mouse IgG2a, κ
Immunogen: C3H.SW mouse splenocytes
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



C57BL/6 mouse splenocytes were stained with purified H-2Kb/H-2Db (clone 28-8-6) (filled histogram) or purified mouse IgG2a, κ isotype control (open histogram), followed by anti-mouse IgG2a PE.

Applications:

Applications: Flow Cytometry, Immunohistochemistry

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 ≤0.25 microg per million cells in 100 microL 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: complement-mediated cytotoxicity¹, and immunohistochemical staining² of acetone-fixed frozen sections.

Application References:

1. Ozato K, *et al.* 1981. *J. Immunol.* 126:317. (Cyt)
2. Pappo J, *et al.* 1999. *Infect. Immun.* 67:337. (IHC)
3. Bui JD, *et al.* 2006. *J. Immunol.* 176:905. (FC) [PubMed.](#)
4. Shao H, *et al.* 2005. *J. Immunol.* 175:1851. (FC)

Description: The 28-8-6 antibody reacts with the H-2Kb and H-2Db MHC class I alloantigens expressed on nucleated cells from mice of the H-2Kb/H-2Db haplotype. H-2Kb/H-2Db is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins. The 28-8-6 antibody cross-reacts with H-2Dd MHC class I alloantigen, but does not react with alloantigens of f, k, p, q, r, s haplotypes.

Antigen References:

1. Ozato K, *et al.* 1981. *J. Immunol.* 126:317.
2. Allen H, *et al.* 1986. *P. Natl. Acad. Sci. USA* 83:7447.
3. Evans GA, *et al.* 1992. *Nature* 300:755.