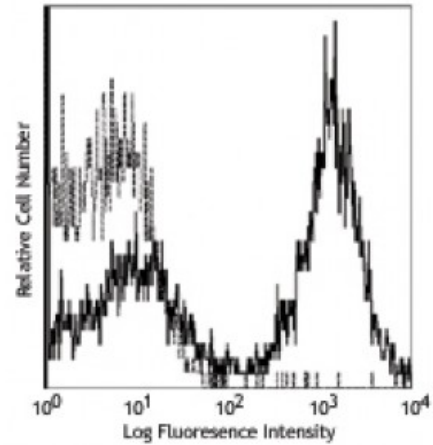


PE anti-mouse I-A κ (A β κ)

Catalog # / Size: 1149540 / 200 μ g
Clone: 10-3.6
Isotype: Mouse IgG2a, κ
Immunogen: C3H mouse splenocytes
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



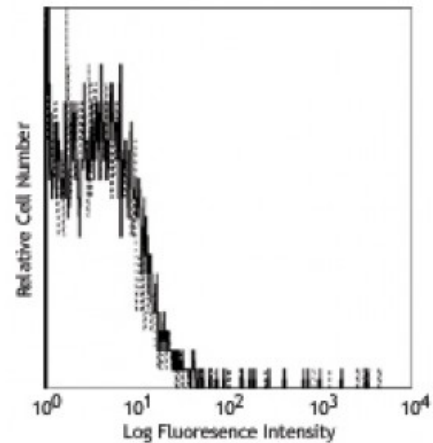
BALB/c mouse splenocytes stained with 10-3.6 biotin and detected with Sav-PE

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 ≤ 0.06 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 immunoprecipitation^{1,2}, protection against autoimmune IDDM3, *in vitro* blocking of antigen-specific MHC-restricted responses and *in vivo* inhibition of lymphoma growth⁴, and immunohistochemical staining⁵ of acetone-fixed frozen sections.

- Application References:**
1. Landais D, *et al.* 1986. *J. Immunol.* 137:3002. (IP)
 2. Kupinski JM, *et al.* 1983. *J. Immunol.* 130:2277. (IP)
 3. Kappler JW, *et al.* 1981. *J. Exp. Med.* 153:1198.
 4. Alisauskas RM, *et al.* 1986. *Immunopharmacology* 12:1.
 5. Reis e Sousa and Germain 1999. *J. Immunol.* 162:6652. (IHC)
 6. Yui MA, *et al.* 2010. *J. Immunol.* 185:284. [PubMed](#)
 7. Gaudreau S, *et al.* 2007. *J. Immunol.* 179:3638. (FC)
 8. Busman-Sahay K, *et al.* 2011. *J. Immunol.* 186:6710. [PubMed](#).



C3H/He mouse splenocytes stained with 10-3.6 PE

Description: The 10-3.6 antibody reacts with the β chain of the I-A κ MHC class II alloantigen. This class II molecule is expressed on antigen presenting cells (including B cells) and a subset of T cells from H-2 κ bearing mice and involved in antigen presentation to T cells expressing CD3/TCR and CD4 proteins. The 10-3.6

antibody cross-reacts with I-A^{f,r,s} antigens and I-A^{g7} of NOD mice; it does not react with other haplotypes (e.g., b, d, p, q).

Antigen
References:

1. Watts C. 1997. *Ann. Rev. Immunol.* 15:821.
2. Pamer E, *et al.* 1998. *Ann. Rev. Immunol.* 16:323.