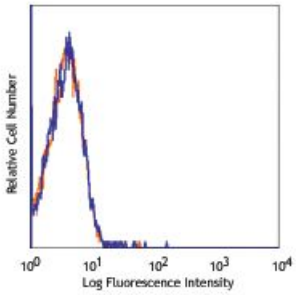
SONY

Product Data Sheet

FITC anti-mouse I-Aκ (Aβκ)

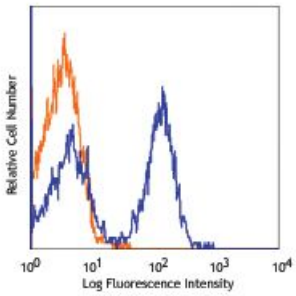
Catalog # / Size:	1149525 / 50 µg
Clone:	10-3.6
Isotype:	Mouse IgG2a, κ
Immunogen:	C3H mouse splenocytes
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5mg/ml



C57BL/6 mouse splenocytes stained 10-3.6 FITC

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 ≤0.25 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 immunoprecipitation[1,2], protection against autoimmune IDDM[3], *in vitro* blocking of antigen-specific MHC-restricted responses and *in vivo* inhibiti



C3H/He mouse splenocytes stained 10-3.6 FITC

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. Ikeda T, *et al.* 2014. *PLoS One.* 9:115198. PubMed

Description: The 10-3.6 antibody reacts with the β chain of the I-Aκ 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-2κ 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).

Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com

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