

Technical Data Sheet

Purified Mouse Anti-Mouse H-2Kb

Product Information

Material Number:	553567
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	AF6-88.5
Immunogen:	Mouse C57BL splenocytes
Isotype:	Mouse (BALB/c) IgG2a, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The AF6-88.5 antibody reacts with the H-2Kb MHC class I alloantigen. Reactivity with other haplotypes (e.g., d, f, j, k, p, q, r, s, u, v) has not been observed.

Preparation and Storage

Store undiluted at 4°C.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Application Notes

Application

Flow cytometry	Routinely Tested
Immunoprecipitation	Reported
Immunofluorescence	Reported

Suggested Companion Products

Catalog Number	Name	Size	Clone
550550	Biotin Mouse Anti-Mouse H-2K[b]	1.0 ml	AF6-88.5
553454	Purified Mouse IgG2a κ Isotype Control	0.5 mg	G155-178
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal
554656	Stain Buffer (FBS)	500 ml	(none)

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

Loken MR, Stall AM. Flow cytometry as an analytical and preparative tool in immunology. *J Immunol Methods*. 1982; 50(3):R85-R112. (Immunogen)
 Perarnau B, Saron MF, San Martin BR, et al. Single H2Kb, H2Db and double H2KbDb knockout mice: peripheral CD8+ T cell repertoire and anti-lymphocytic choriomeningitis virus cytolytic responses. *Eur J Immunol*. 1999; 29(4):1243-1252. (Clone-specific: Immunohistochemistry)
 Wall KA, Lorber MI, Loken MR, McClatchey S, Fitch FW. Inhibition of proliferation of Mls- and Ia-reactive cloned T cells by a monoclonal antibody against a determinant shared by I-A and I-E. *J Immunol*. 1983; 131(3):1056-1064. (Clone-specific: Immunoprecipitation)

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