

## Technical Data Sheet

## PE Mouse Anti-Mouse H-2Kb

## Product Information

Material Number:	561072
Size:	25 µg
Concentration:	0.2 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 ≤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 and protected from prolonged exposure to light. Do not freeze.

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

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

## Application Notes

## Application

Flow cytometry	Routinely Tested
Immunofluorescence	Tested During Development

## Suggested Companion Products

Catalog Number	Name	Size	Clone
553457	PE Mouse IgG2a, κ Isotype Control	0.1 mg	G155-178

## Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. 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.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at [www.bdbiosciences.com/colors](http://www.bdbiosciences.com/colors).
4. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.

## References

Loken MR, Stall AM. Flow cytometry as an analytical and preparative tool in immunology. *J Immunol Methods*. 1982; 50(3):R85-R112. (Methodology: Flow cytometry)

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. (Biology)

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. (Biology)

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