

Technical Data Sheet

FITC Mouse Anti-Mouse H-2Kb

Product Information

Material Number:	562002
Size:	50 µg
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 protein stabilizer and ≤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 FITC under optimum conditions, and unreacted FITC was removed.

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
553456	FITC Mouse IgG2a, κ Isotype Control	0.25 mg	G155-178
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.
4. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
5. An isotype control should be used at the same concentration as the antibody of interest.

References

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

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