

Technical Data Sheet

FITC Mouse Anti-Mouse H-2K[q]

Product Information

Material Number:	553597
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	KH114
Immunogen:	B10.Q mouse skin graft and splenocytes
Isotype:	Mouse (BALB/c) IgG2a, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The KH114 antibody reacts with the H-2K[q] MHC class I alloantigen. Reactivity with other haplotypes (e.g., *a*, *b*, *d*, *f*, *k*, *n*, *p*, *r*, *s*, *u*, *v*) has not been observed.

Preparation and Storage

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. Store undiluted at 4° C.

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

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

Hasenkruug KJ, Cory JM, Stimpfling JH. Monoclonal antibodies defining mouse tissue antigens encoded by the H-2 region. *Immunogenetics*. 1987; 25(2):136-139. (Immunogen)

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