

Technical Data Sheet

Biotin Mouse Anti-Mouse H-2D[q]/H-2L[q]**Product Information**

Material Number:	558969
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	KH117
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 KH117 antibody reacts with the H-2D[q] and/or H-2L[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 biotin under optimum conditions, and unreacted biotin was removed.

Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes**Application**

Flow cytometry	Routinely Tested
Immunohistochemistry-frozen	Tested During Development

Suggested Companion Products

Catalog Number	Name	Size	Clone
553455	Biotin Mouse IgG2a, κ Isotype Control	0.25 mg	G155-178
554060	FITC Streptavidin	0.5 mg	(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

Hasenkrug 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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