

Technical Data Sheet

Biotin Mouse Anti-Mouse I-A[d]**Product Information**

Material Number:	553609
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	39-10-8
Immunogen:	(C3H x BALB/c)F1 mouse cells
Isotype:	Mouse (C3H.SW) IgG3, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing protein stabilizer and ≤0.09% sodium azide.

Description

The 39-10-8 antibody reacts with the I-A[d] MHC class II alloantigen. It has been shown to cross-react with the g7 haplotype (NOD) of the I-A molecule. Reactivity with other haplotypes (e.g., *a*, *b*, *k*, *p*, *q*, *s*) 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
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Recommended Assay Procedure:

For IHC, we recommend biotinylated mAb AMS-32.1 in our special formulation for immunohistochemistry, Cat. No. 550554.

Suggested Companion Products

<u>Catalog Number</u>	<u>Name</u>	<u>Size</u>	<u>Clone</u>
559805	Biotin Mouse IgG3, κ Isotype Control	0.25 mg	A112-3
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.

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