

## Biotin anti-mouse IgDa

**Catalog # / Size:** 406101 / 50 µg

**Clone:** AMS-9.1

**Isotype:** Mouse (SJL) IgG2b, κ

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C. **Do not freeze.**

## Applications:

**Applications:** FC - *Quality tested*  
IHC - *Reported in the literature*

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10<sup>6</sup> cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

**Application Notes:** Additional reported applications (for the relevant formats) include: immunohistochemical staining of acetone-fixed frozen sections.

**Application References:** 1. Stall AM, *et al.* 1984. *J. Immunol.* 132:787.  
2. Goroff DK, *et al.* 1986. *J. Immunol.* 136:2382.

**Description:** This antibody was raised by immunization with BALB/c mouse splenocytes. It specifically reacts with mouse IgD of *Igh-C<sup>a</sup>* haplotype, but does not react with b and c haplotypes. This antibody is able to induce B cell activation and proliferation.

Related Products:	Product	Clone	Application
	Biotin Mouse IgG2b, κ Isotype Ctrl	MPC-11	FC, ICFC
	APC Streptavidin		FC, ICFC
	Cy5 Streptavidin		FC, ICFC
	FITC Streptavidin		FC, ICFC
	PE Streptavidin		FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC



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