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**Biotin anti-mouse IgDa**

<b>Catalog # / Size:</b>	2630505 / 50 µg
<b>Clone:</b>	AMS-9.1
<b>Isotype:</b>	Mouse IgG2b, κ
<b>Reactivity:</b>	Mouse
<b>Preparation:</b>	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Concentration:</b>	0.5

**Applications:**

**Applications:** Flow Cytometry, Immunohistochemistry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.25$  microg per  $10^6$  cells in 100 microL 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.

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**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.