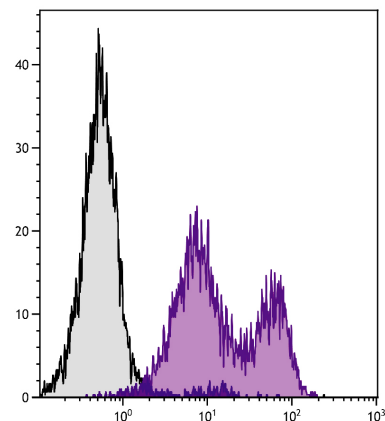




## Mouse Anti-Mouse Qa-2

Cat. No.	Format	Size
1906-01	Purified (UNLB)	0.5 mg
1906-02	Fluorescein (FITC)	0.5 mg
1906-08	Biotin (BIOT)	0.5 mg
1906-09	R-phycoerythrin (PE)	0.1 mg



C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse Qa-2-UNLB (SB Cat. No. 1906-01) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-PE (SB Cat. No. 1080-09).

### Overview

<b>Clone</b>	695H1-9-9
<b>Isotype</b>	Mouse (C3H.KBR) IgG <sub>2a</sub> κ
<b>Immunogen</b>	C3H.SW mouse skin graft and splenocytes
<b>Specificity</b>	Mouse Qa-2
<b>Alternate Name(s)</b>	N/A

### Description

The 695H1-9-9 antibody reacts with a Qa-2-determined alloantigen. It recognizes an epitope distinct from that recognized by monoclonal antibody 1-1-2.

### Applications

FC – Quality tested <sup>1,2</sup>  
 ICC – Reported in literature <sup>3</sup>  
 CMCD – Reported in literature <sup>1</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 μg/10 <sup>6</sup> cells
	FITC and BIOT conjugates	≤ 1 μg/10 <sup>6</sup> cells
	PE conjugate	≤ 0.2 μg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	

**Other Applications** Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific SDS.

## References

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1. Sharrow SO, Arn JS, Stroynowski I, Hood L, Sachs DH. Epitope clusters of Qa-2 antigens defined by a panel of new monoclonal antibodies. *J Immunol.* 1989;142:3495-502. (Immunogen, FC, CMCD)
2. Sharabi Y, Sachs DH. In vivo effects of monoclonal antibodies to distinct epitopes of Qa-2 antigens. *J Exp Med.* 1990;171:211-9. (FC)
3. Lampton PW, Goldstein CY, Warner CM. The role of tapasin in MHC class I protein trafficking in embryos and T cells. *J Reprod Immunol.* 2008;78:28-39. (ICC)