

## Product Information

Contents: Affinity Purified anti-mouse Qa-2 (Qa2)

Catalog Number: 14-5996

Sizes: 50 ug, 100 ug, 500 ug

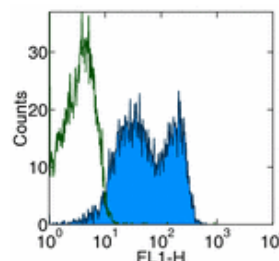
Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>

Storage Conditions: Store at 4°C.

Avoid repeated freeze/thaw cycles.

Clone: 69H1-9-9

Isotype: Mouse IgG2a, κ



*Surface staining of mouse splenocytes with anti-mouse Qa-2 (69H1-9-9) FITC. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.*

## Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-5996	FITC anti-mouse Qa-2 (Qa2)	488	518	FC
14-5996	Affinity Purified anti-mouse Qa-2 (Qa2)	N/A	N/A	FA FC

## Description

The 69H1-9-9 monoclonal antibody reacts with the mouse Qa-2 molecule, a GPI-linked MHC class Iβ surface molecule. Qa-2 is expressed by mature T and B cells, and its expression level is different depending on the laboratory mouse strain.

## Usage

For research use only, not for diagnostic or therapeutic use. The 69H1-9-9 antibody has been reported for use in flow cytometric analysis. It has also been reported in complement-dependent cytotoxicity. (Please use Functional Grade purified 69H1-9-9 in functional assays.)

## Applications Tested

The 69H1-9-9 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions and can be used at less than or equal to 1 μg/million cells. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

## Related Products

Cat. 11-4011	FITC Anti-Mouse IgG
Cat. 13-4013	Biotin Anti-Mouse IgG (clone Polyclonal)
Cat. 11-4317	Streptavidin-FITC (Fluorescein isothiocyanate)
Cat. 12-4317	Streptavidin-PE (Phycoerythrin)
Cat. 17-4317	Streptavidin Allophycocyanin (SA-APC)
Cat. 14-4724	Affinity Purified Mouse IgG2a, K Isotype Control

## References

Sharrow, S. O., J. S. Arn, et al. (1989). "Epitope clusters of Qa-2 antigens defined by a panel of new monoclonal antibodies." *J Immunol* 142(10): 3495-502.

