

Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-mouse Qa-2 (Qa2)

Catalog Number: 11-5996

Sizes: 50 ug, 100 ug, 500 ug

Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃

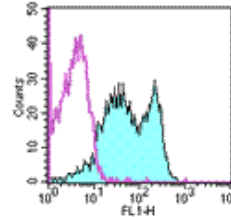
Storage Conditions: Store at 4°C.

DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: 69H1-9-9

Isotype: Mouse IgG2a, κ



Staining of C57Bl/6 splenocytes with 0.25 µg of FITC mouse IgG2a isotype control (cat. 11-4721) (open histogram) or 0.25 µg of FITC 69H1-9-9 (colored 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.

Applications Tested

The 69H1-9-9 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 0.5 µg per million cells in a 100 µl total staining volume. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 11-4724 Fluorescein isothiocyanate (FITC) Mouse IgG2a, K Isotype Control

Cat. 14-5996 Affinity Purified anti-mouse Qa-2 (Qa2) (clone 69H1-9-9)

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.