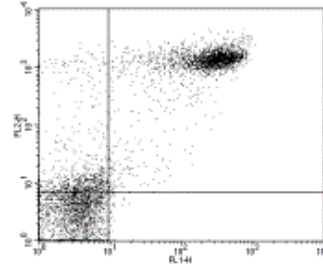


Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-mouse IgD
Catalog Number: 11-5993
Sizes: 50 ug, 100 ug, 500 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.1% NaN₃
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
LIGHT-SENSITIVE MATERIAL.
Clone: 11-26c (11-26)
Isotype: Rat IgG2a, κ



Staining of BALB/c splenocytes with PE anti-B220 and 0.5 µg of FITC 11-26.c. Total viable cells were used for analysis. Quadrants were set based on the isotype control sample.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-5993	FITC anti-mouse IgD	488	518	FC
12-5993	PE anti-mouse IgD	488	575	FC
13-5993	Biotin anti-mouse IgD	N/A	N/A	FC
14-5993	Affinity Purified anti-mouse IgD	N/A	N/A	FC

Description

The 11-26.c monoclonal antibody reacts with the δ heavy chain of mouse IgD. It does not react with other classes of mouse immunoglobulin including IgA, IgG or IgM. IgD is expressed by peripheral mature B cells. 11-26.c does not activate B cells.

Usage

For research use only, not for diagnostic or therapeutic use. The 11-26c antibody has been reported for use in flow cytometric analysis to detect the surface IgD on mouse B cells.

Applications Tested

The 11-26c (11-26) antibody has been tested by flow cytometric analysis of mouse splenocytes. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

- Cat. 11-4321 FITC Rat IgG2a Isotype Control
- Cat. 24-5093 Polyclonal anti-mouse IgD antiserum (activating) (clone Polyclonal)
- Cat. 12-5993 PE anti-mouse IgD (clone 11-26c (11-26))
- Cat. 13-5993 Biotin anti-mouse IgD (clone 11-26c (11-26))
- Cat. 14-5993 Affinity Purified anti-mouse IgD (clone 11-26c (11-26))

References

- Nitschke L, Kosco MH, Koehler G, and Lamers MC. 1993. Immunoglobulin D-deficient mice can mount normal immune responses to thymus-independent and -dependent antigens. Proc Natl. Acad. Sci. USA. 90:1887-1891.
- Ishihara K, Wood Jr. WJ, Wall R, Sakaguchi N, Michnoff C, Tucker PW, and Kincade PW. 1993. Multiple B29 containing complexes on murine B lymphocytes. Common and stage-restricted Ig-associated polypeptide chains. J. Immunol. 150: 2253 - 2262.

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