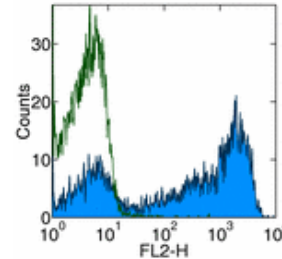


## Product Information

Contents: Phycoerythrin (PE) anti-mouse IgD  
Catalog Number: 12-5993  
Sizes: 50 ug, 100 ug, 200 ug  
Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>  
Storage Conditions: Store at 4°C.  
DO NOT FREEZE.  
LIGHT-SENSITIVE MATERIAL.  
Clone: 11-26c (11-26)  
Isotype: Rat IgG2a, κ



Surface staining of mouse splenocytes with anti-mouse IgD (11-26c ) PE. 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
11-5993	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. 11-26 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. 12-4321 PE Rat IgG2a Isotype Control  
Cat. 24-5093 Polyclonal anti-mouse IgD antiserum (activating) (clone Polyclonal)  
Cat. 11-5993 FITC 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.

