

Monoclonal Antibody to Mouse IgD (Delta heavy chain) - FITC

Alternate names:	Mouse Immunoglobulin D
Catalog No.:	AM08012FC-N
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Rat / IgG2a
Clone:	11-26
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: < / = 1 µg/10e6 cells. (See Ref.1-5) Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with mouse IgD of all haplotypes (e.g., IgDa, IgDb, IgDc), and does not react with other immunoglobulin isotypes. (See Ref.1-4) Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Southern Biotechnology Associates, Inc. Unpublished observations 2. Nitschke, L., M.H. Kosco, G. Kohler, and M.C. Lamers. 1993. Proc. Natl. Acad. Sci. USA 90:1187-1191. 3. Ishihara, K., W.J. Wood, Jr., R. Wall, N. Sakaguchi, C. Michnoff, P.W. Tucker, and P.W. Kincade. 1993. J. Immunol. 150:2253-2262. 4. Hamilton, A.M., A. Lehuen, and J.F. Kearney. 1994. Int. Immunol. 6:355-361. 5. Finkelman, F.D., J.M. Holmes, and S.C. Morse. 1994. The FASEB Journal 8:A964.

Pictures:

BALB/c splenocytes were double-stained with rat anti mouse IgD-FITC and rat anti-mouse CD19-R-PE Small lymphocytes were then gated and analyzed using a FACScan(TM) flow cytometer (BDIS, San Jose, CA).

