

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

Alternate names:	Mouse Immunoglobulin D
Catalog No.:	AM08012RP-N
Quantity:	0.2 mg
Concentration:	0.1 mg/ml
Host / Isotype:	Rat / IgG2a
Clone:	11-26c
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE – R-phycoerythrin
Applications:	Flow Cytometry: $< / = 0,2 \mu\text{g}/10\text{e}6$ cells. (See Ref.1-5) 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). It does not induce proliferation of mature B cells in vitro (Ref.5) nor does in vivo injection of the monoclonal antibody have any effect on activation of mature B lymphocytes. (See Ref.5) Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! 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 Southern Biotechnology Associates, Inc. Unpublished observations 2.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.