

**SM1028B****Monoclonal Antibody to Rat IgD - Biotin**

<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM20B (for use in rat samples)
<b>Clone:</b>	MARD-3
<b>Immunogen:</b>	IR731 myeloma protein. Spleen cells from an immunised BALB/c mouse were fused with cells of the mouse SP2/0 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> PBS containing 0.09% Sodium Azide and 50% Glycerol <b>Label:</b> Biotin
<b>Applications:</b>	ELISA: 500 ng/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises IgD, and does not cross-react with other immunoglobulin classes. <b>Species:</b> Rat. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Bazin H, Beckers A, Urbain-Vansanten G, Pauwels R, Bruyns C, Tilkin AF, et al. Transplantable IgD immunoglobulin-secreting tumors in rat. <i>J Immunol.</i> 1978 Nov;121(5):2077-82. PubMed PMID: 712079. 2. Bazin H, Beckers A, Querinjean P. Three classes and four (sub)classes of rat immunoglobulins: IgM, IgA, IgE and IgG1, IgG2a, IgG2b, IgG2c. <i>Eur J Immunol.</i> 1974 Jan;4(1):44-8. PubMed PMID: 4137315. 3. Westermann J, Bode U, Sahle A, Speck U, Karin N, Bell EB, et al. Naive, effector, and memory T lymphocytes efficiently scan dendritic cells in vivo: contact frequency in T cell zones of secondary lymphoid organs does not depend on LFA-1 expression and facilitates survival of effector T cells. <i>J Immunol.</i> 2005 Mar 1;174(5):2517-24. PubMed PMID: 15728457.