

SM1028P**Monoclonal Antibody to Rat IgD - Aff. Purified**

Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM20P (for use in rat samples), AM03095PU-N
Clone:	MARD-3
Immunogen:	IR731 myeloma protein. Spleen cells from an immunised BALB/c mouse were fused with cells of the mouse SP2/0 myeloma cell line.
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS containing 0.09% Sodium Azide as preservative
Applications:	Immunohistochemistry on Frozen Sections. ELISA: This antibody may be used as a coating antibody in ELISA in combination with clone MARK-1/MARL-15 (<i>Cat.-No</i> AM05512HR-N) as detection reagent. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Rat IgD and does not cross-react with other Rat immunoglobulin classes.
Species Reactivity:	Tested: Rat.
Storage:	Store 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.
General Readings:	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. 4. FrancoSalinas G, Mai HL, Jovanovic V, Moizant F, Vanhove B, Boeffard F, et al. TNF blockade abrogates the induction of T cell-dependent humoral responses in an allotransplantation model. <i>J Leukoc Biol.</i> 2011 Aug;90(2):367-75. doi: 10.1189/jlb.0710392. Epub 2011 May 11. PubMed PMID: 21562051. 5. Zonneveld-Huijssoon E, Roord ST, de Jager W, Klein M, Albani S, Anderton SM, et al. Bystander suppression of experimental arthritis by nasal administration of a heat

shock protein peptide. Ann Rheum Dis. 2011 Dec;70(12):2199-206. doi: 10.1136/ard.2010.136994. Epub 2011 Sep 12. PubMed PMID: 21914624.