

**SM315F****Monoclonal Antibody to MHC Class II RT1B (positive on a, I, n haplotype) - FITC**

<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM20F (for use in rat samples)
<b>Clone:</b>	F17-23-2
<b>Immunogen:</b>	Partially purified rat MHC antigens. Spleen cells of immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G. <b>Buffer System:</b> Phosphate buffered saline pH7.4 0.09% Sodium Azide, 1% Bovine Serum Albumin, <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry (Neat-1/5): Use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the rat RT1B MHC class II antigen, reacting with haplotypes a, I and n expressed on rat strains including DA, LEW, and BN. <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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Hart, D. N. J. and Fabre, J. W. (1981) Localisation of MHC antigens in long-surviving rat renal allografts: probable implication of the passenger leucocyte in graft adaptation. <i>Transplantation Proceedings</i> 13: 95 - 99. 2. Hart, D. N. J. and Fabre, J. W. (1981) MHC antigens in rat kidney, ureter and bladder; localisation with monoclonal antibodies and demonstration of Ia positive dendritic cells. <i>Transplantation</i> 31: 318 - 325. 3. Stet, R. J. M. et al. (1987) Effect of Haplo-specific anti class I and II monoclonal antibodies on the mitogenic and allogeneic response in rat. <i>Transplantation proceedings</i> . 19(3):3080-3081.