

Product datasheet for **SM084B**

MHC Class II RT1B (monomorphic) Mouse Monoclonal Antibody [Clone ID: OX-6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-6
Applications:	FC
Recommended Dilution:	Flow cytometry: use 10 µl of neat antibody to label 10 ⁶ cells in 100 µl (This product is routinely tested in flow cytometry on rat splenocytes). This clone has also been described to react with paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde) (4). Other applications not tested. Optimal dilutions should be determined by the user.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat Thymocyte membrane glycoprotein.
	Format: This antibody was lyophilised from PBS buffer pH 7.4 with 1.0% BSA as stabilizer. This purified immunoglobulin fraction is conjugated to Biotin. Reconstitute with 1 ml distilled water. The addition of 0.1% sodium azide is recommended after reconstitution.
Specificity:	MRC OX-6 recognises a monomorphic determinant of the rat I-A antigen present on B lymphocytes, dendritic cells, some macrophages and certain epithelial cells. This antibody cross reacts with certain mouse strains of MHC haplotypes k and s. Analysis of recombinant mouse strains showed that the determinants mapped to the I-A region (1). Crossreactivity: Mouse haplotypes k and s (2). Does not recognise BDIX rat strain (6).
Formulation:	Label: Biotin
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf live: one year from despatch.
Synonyms:	HLA Class II, MHC Class 2 RT1B



[View online »](#)