

Product datasheet for **SM084P**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-6
Applications:	FC, IHC
Recommended Dilution:	Flow cytometry (1:50 - 1:100): use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl. This product is routinely tested in flow cytometry on rat splenocytes. Immunohistochemistry on frozen tissues and paraffin embedded sections (1:50 - 1:100): this clone has been described reacting with paraffin-embedded material following PLP fixation (periodatelysine-paraformaldehyde) (4). This product does not require antigen retrieval using heat treatment or protein digestion prior to staining but results may be enhanced with heat treatment using 0.01M citrate buffer pH 6. Western blot.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat thymocyte membrane glycoproteins
Specificity:	This antibody recognises a monomorphic determinant of the rat I-A antigen present on B lymphocytes, dendritic cells, some macrophages and certain epithelial cells. It 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). The clone does not react with Rat BDIX strain.
Formulation:	PBS, pH 7.2, containing 0.09% sodium azide State: Purified State: Liquid IgG fraction
Concentration:	lot specific
Purification:	Protein G affinity chromatography



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Conjugation:	Unconjugated
Storage:	Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	HLA Class II, MHC Class 2 RT1B