

MHC Class II RT1B antibody [MRC OX-6] (PE)

Cat. No. GTX76191

| | |
|---------------------|------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | FCM |
| Reactivity | Mouse, Rat |

Package
1 ml

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| FCM | Assay dependent |

Not tested in other applications.

Product Note

Recognizes Ia from all rat strains tested. It labels a monomorphic determinant of the rat Ia antigen present on the majority of peripheral B lymphocytes, dendritic cells, some macrophages, and certain epithelial cells but not peripheral T lymphocytes. This antibody also cross reacts with murine Ia antigens (particularly with k and s haplotypes). Analysis of recombinant strains shows that the determinant maps to the I-A region of the mouse MHC and correlates with mouse Ia specificity 17 or 18. Thus, the determinant recognized is polymorphic in the mouse. This antibody may be useful for recognizing the rat Ia antigen and can be coupled to Sepharose 4B for purification of rat Ia antigen by antibody affinity chromatography.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, BSA |
| Preservative | 0.02% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light. |
| Concentration | 0.1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Rat Thymocyte membrane glycoprotein |
| Purification | Protein G affinity purified |
| Conjugation | Phycoerythrin (PE) Wavelength |



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