

MHC Class II I-A, Rt1.Bu Mouse anti-Rat Monoclonal (PE) Antibody - LS-C72649 - LSBio

CatalogID:	LS-C72649
Target:	MHC Class II I-A, Rt1.Bu
Host	Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Conjugations:	Phycoerythrin (PE)
Immunogen Species:	Rat
Antigen Type:	Membrane extract
Immunogen:	Rat thymocyte membrane glycoproteins.
Specificity:	Recognizes a polymorphic determinant of rat Ia antigen (RT1. Bu) present on Lewis, Wistar and AO strain rats, but not RN, DA or PVG/c strains. The antibody cross-reacts with mouse strains (MHC haplotypes b and s) and analysis of recombinant mouse strains showed that the determinants mapped to the I-A region. It recognizes Ia antigens on B cell, dendritic cells and certain epithelial cells. It is particularly useful for distinguishing Ia positive cells from different rat strains, e. g. for recognizing cells of donor origin in bone marrow reconstituted radiation chimeras.
Reactivity:	Rat
Purification:	Ion exchange chromatography
Presentation:	Lyophilized from PBS, pH 7.2, 0.1% sodium azide, 1% BSA.
Usage Summary:	Flow Cytometry: Neat.
Uses:	Flow Cytometry (Optimal dilution to be determined by the researcher)
Size:	100 tst
Requested From:	Japan

Laboratory Reagent For In Vitro Research Use Only

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