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## Datasheet for ABIN133236 anti-RT1-BB antibody (Biotin)



Overview	
Quantity:	100 µg
Target:	RT1-BB
Reactivity:	Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RT1-BB antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)
Product Details	
Immunogen:	Rat thymocyte membrane glycoprotein . Fusion Partner: PS-NS1-1-Ag4 (NS1/1) . Donor: BALB/c spleen
Clone:	OX-6
Isotype:	lgG1
Specificity:	Rat RT1.B (Rat Ia-non-polymorphic)
Target Details	

Target:	RT1-BB
Alternative Name:	RT1.B (RT1-BB Products)
Background:	Biotin anti-rat RT1.B monoclonal antibody 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 (2,3,4) but not

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## Target Details

	peripheral T lymphocytes. (4) This antibody also cross reacts with murine la 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 (1,2) and correlates with mouse la
	specificity 17 or 18. Thus, the determinant recognized by ABIN133236is 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 (1). This
	clone is reported to work with frozen and paraffin sections (5).
Pathways:	Production of Molecular Mediator of Immune Response
Application Details	
Application Notes:	This clone is reported to work with frozen and paraffin sections (5).
Restrictions:	For Research Use only
Handling	
Concentration:	0.1 mg/ml
Buffer:	Biotin conjugated Ig buffered in PBS, 0.02% NaN and EIA grade BSA as a stabilizing protein
	concentration to 4-5 mg/ml (Purified from ascitic fluid via Protein G Chromatography)
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

4°C

Storage: