



	Technical Data Sheet	
Product	<b>Anti-Ms MHC Class II Biotin</b>	
Cat. Number/Size	<b>1B-621-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	MHC Class II	
Clone	M5/114	
Format	Biotin	
Reactivity	Mouse	
Application	WB, IHC-P, IP, FC, IHC-F	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml.	
Isotype	Rat IgG2b	
Specificity	The rat monoclonal antibody M5/114 reacts with murine MHC class II glycoproteins. It recognizes a shared extracellular determinant on I-Ab, I-Ad, I-Aq, and I-Ed, I-Ek alloantigens, but it does not react with I-Af, I-Ak, I-As. This antibody can inhibit I-A-restricted T cell responses of the H-2b, H-2d, H-2q, H-2u but not H-2f, H-2k, H-2s haplotypes.	
Immunogen	Activated C57BL/6 mouse spleen cells	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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