

Technical Data Sheet

Product

Anti-Ms MHC Class II Biotin

Cat. Number/Size

1B-621-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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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