

**AM08124BT-N****Monoclonal Antibody to MHC Class II (I-A) - Biotin**

<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	The Chicken Ia antigen is expressed on B cells, a subpopulation of the monocyte/macrophage lineage of cells, and mitogen-activated T cells. (Ref.1)
<b>Host / Isotype:</b>	Mouse / IgM
<b>Clone:</b>	Cla-I
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide <b>Label:</b> Biotin
<b>Applications:</b>	<b>Flow Cytometry:</b> $\leq 1 \mu\text{g}/10^6$ cells. Identification and enumeration of Ia <sup>+</sup> cells. (Ref.1) <b>Immunoprecipitation:</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes a 65 kDa glycoprotein consisting of a 32 kDa alpha-chain non-covalently bound to a 27 kDa beta-chain. The molecule recognized by this antibody is similar in structure to the murine Ia antigens and human DR antigens.
<b>Species Reactivity:</b>	<b>Tested:</b> Chicken.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Ewert, D.L., M.S. Munchus, C.-L. Chen, and M.D. Cooper. 1984. J. Immunol. 132:2524.