

## Product datasheet for **AM08124BT-N**

### MHC Class II (I-A) Mouse Monoclonal Antibody [Clone ID: ClA-I]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	ClA-I
<b>Applications:</b>	FC
<b>Recommended Dilution:</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>
<b>Reactivity:</b>	Chicken
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgM
<b>Clonality:</b>	Monoclonal
<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>Formulation:</b>	PBS Label: Biotin State: Liquid purified Ig fraction. Preservative: 0.09% Sodium Azide
<b>Concentration:</b>	lot specific
<b>Conjugation:</b>	Biotin
<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.
<b>Stability:</b>	Shelf life: one year from despatch.



**Background:**

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)