

Product datasheet for **AM08131PU-N**

MHC Class II Mouse Monoclonal Antibody [Clone ID: 2G11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2G11
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Flow Cytometry: $\leq 1 \mu\text{g}/10^6$ cells. (Ref.2-6) Immunoprecipitation (Ref.7). Immunohistochemistry (Ref.6). Immunoblotting (Ref.6).
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes Chicken MHC Class II (B-L) molecules. Mr. 30-42 kDa.
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	MHC Class II antigens are heterodimers consisting of one alpha chain(31-34kD) and one beta chain (26-29kD). The family of monoclonal antibodies (ER-TR 3, ER-TR 2, ER-TR 1) detect MHC class II antigens encoded by the murine Ia region of the H-2 complex, corresponding to the human HLA-DR region. MHC Class II antigens are a valuable tool for studying T helper cell interaction with class II positive antigen presenting cells (dendritic cells, B cells, macrophages) and offer new possibilities for studying the development of T helper cells since these antibodies also stain stromal cells in the thymus. MHC Class II antigens are also inducible on a number of other cells (endothelium and epithelial cells) by interferon gamma.



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Synonyms: MHC Class 2, HLA Class II