

Product datasheet for **AM08076PU-N**

MHC Class II I-Ab Mouse Monoclonal Antibody [Clone ID: 25-9-3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	25-9-3
Applications:	FC, FN
Recommended Dilution:	Flow Cytometry. Complement-dependent Cytotoxicity Assays.
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	C3H.SW splenocytes. (Ref.1)
Specificity:	This antibody reacts specifically with the I-Ab haplotype of MHC Class II molecules. Class II antigens are predominantly expressed on antigen-presenting cells including B lymphocytes, macrophages, dendritic cells and certain epithelial cells.
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.
Database Link:	P18468



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- Background:** MHC Class II antigens are involved in antigen presentation by Antigen Presenting Cells (APCs) to CD4+ T cells. They are constitutively expressed on APCs including B cells, macrophages, monocytes and dendritic cells, and are inducible on a number of other cells (endothelium and epithelial cells) by interferon gamma. The Mouse H2 Ab locus is orthologous to human DQB, which varies from typical class II genes in that both the alpha and beta chains are polymorphic.
- Synonyms:** H2-Eb1, H-2 class II histocompatibility antigen I-A beta chain