

Product datasheet for **AM08086PU-N**

MHC Class I H-2 Kk Mouse Monoclonal Antibody [Clone ID: 36-7-5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	36-7-5
Applications:	CT, FC, IHC
Recommended Dilution:	Flow Cytometry. (Ref.1) Immunohistochemistry (Acetone-Fixed, Frozen Sections only). (Ref.2) Complement-mediated Cytotoxicity. (Ref.1)
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	A.AL mouse splenocytes.
Specificity:	This antibody reacts with the H-2Kk MHC class I alloantigen. Cross-reactivity with splenocytes of SJL/Hsd mice has been observed by flow cytometric analysis. (Ref.2) It does not react with other (<i>e.g., b, d, q</i>) haplotypes.
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:	P04223



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- Background:** MHC Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. MHC class I antigens are heterodimers consisting of one alpha chain (44kDa) with beta2- microglobulin (11.5 kDa). The antigen is expressed by all somatic cells at varying levels. Lymphocytes are highly positive whereas fibroblasts or neurons show only a low level of antigen.
- Synonyms:** H2-K1, H2-K, H-2K(K)