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Product datasheet for AM08085PU-N

MHC Class I H-2 Kk Mouse Monoclonal Antibody [Clone ID: 16-3-22S]

Product data:

Product Type:	Primary Antibodies
Clone Name:	16-3-22S
Applications:	CT, FC, IHC
Recommended Dilution:	**Flow Cytometry.** (Ref.1) **Immunohistochemistry (Acetone-Fixed, Frozen Sections only).** **Complement-mediated Cytotoxicity.** (Ref.1)
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	C3H.SW 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 (*e.g., b, d, q*) 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)