

Product datasheet for **AM31876RP-N**

MHC Class I H-2 Kk Mouse Monoclonal Antibody [Clone ID: H100-5/28]

Product data:

Product Type:	Primary Antibodies
Clone Name:	H100-5/28
Applications:	FC
Recommended Dilution:	Flow Cytometry. <u>Test Results:</u> Mouse Strain: CBA Cell Concentration : 1x10e6 cells per test. Antibody Concentration Used: 0.5 µg/10e6 cells. Isotypic Control: PE Mouse IgG2a, <u>Cell Source Percentage of cells stained above control:</u> Spleen: 97.3%
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This Monoclonal Antibody specifically reacts with the H-2Kk (Determinant H-2.m11) encoded MHC Class I antigen expressed on mouse strains of the H-2k haplotype. This antibody is also reported to react with H-2Kq and H-2r haplotypes. Class I antigens are expressed on all nucleated cells.
Formulation:	PBS containing 0.02% Sodium Azide as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml Label: PE State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C . DO NOT FREEZE! Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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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)

Product images:

