

## Product datasheet for **AM31876BT-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:	<b>Flow Cytometry.</b>
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: Biotin State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Biotin
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:	<a href="#">P04223</a>
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.



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Synonyms: H2-K1, H2-K, H-2K(K)