



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet

Mouse Anti-Mouse Major Histocompatibility Complex Class I H-2Kb

Catalog No.
129-10448

Target Species
Mouse

Isotype
IgG2a

Preparation

Purified IgG prepared by affinity chromatography
Immunogen: C57BL mouse splenocytes

Specificity

The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In mice, this complex is referred to as the histocompatibility 2 (H-2) region. There are 3 major MHC class I proteins encoded by the H-2 which are H-2K, H-2L and H-2D. The H-2K gene is part of the murine H-2 complex on chromosome 17 and there are a large number of variant alleles of this gene.

129-10448 recognizes the H-2Kb determinant present on all nucleated cells of mice expressing this MHC class I haplotype. This product does not cross react with other haplotypes.

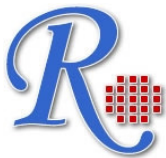
Formulation

Product Type: Monoclonal Antibody
Product Form: Purified IgG - liquid
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations: IgG concentration 0.5 mg/ml

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life: 18 months from date of dispatch.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			
Flow Cytometry (1)	•			1:10 – 1:20
Immunoprecipitation	•			

(1) Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.

Note: Other applications are not tested yet. Optimal dilutions should be determined.

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