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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically
Speaking

CEDARLANE[®]
www.cedarlanelabs.com



Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

**Anti-Mouse H-2K^k
Monoclonal Antibody**

| Catalogue# | Format | Size | Concentration | Isotype Control |
|------------|----------|--------|---------------|-----------------|
| CL9004A | Ascites | 0.5 ml | N/A | CLCMG2A00 |
| CL9004AP | Purified | 250µg | 1.0 mg/ml | CLCMG2A00 |
| CL9004B | Biotin | 100µg | 0.1 mg/ml | CLCMG2A01 |
| CL9004F | FITC | 100µg | 0.1 mg/ml | CLCMG2A15 |
| CL9004PE | PE | 50µg | 0.1 mg/ml | CLCMG2A04 |

Ig Class: Mouse IgG_{2a}

DESCRIPTION:

Cedarlane's anti-mouse H-2K^k monoclonal antibody specifically reacts with the H-2K^k (Determinant H-2.m11) encoded MHC Class I antigen expressed on mouse strains of the H-2^k haplotype. This antibody is also reported to react with H-2K^q and H-2^r haplotypes. Class I antigens are expressed on all nucleated cells.

PRESENTATION:

Ascites: 0.5ml Lyophilized.

Purified: Purified IgG buffered in PBS and 0.02% NaN₃. (Purified from ascitic fluid via Protein G Chromatography).

Biotin, FITC and PE: Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/mL.

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE PE conjugates. For long term storage (**Ascites, Purified, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: H100-5/28

Hybridoma Production:

Immunization: Recipient: BALB/c
Donor: CBA lymphocytes

Fusion Partner: x63 Ag.8

Specificity: Anti H-2K^k

Continued Overleaf.....

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registered company.

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TEST RESULTS:

Mouse Strain: CBA

Cell Concentration: 1×10^6 cells per test

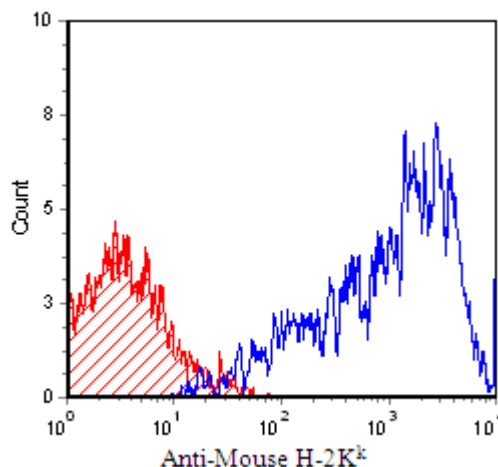
Antibody Concentration Used: $0.5 \mu\text{g}/10^6$ cells

Cell Source

Spleen

Percentage of cells stained above control:

97.3%



N.B. Appropriate control samples should always be included in any labeling studies.

*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

REFERENCES:

1. Lemke, H., Hammerling, G. J., and Hammerling, U.; Fine Specificity analysis with monoclonal antibodies of antigens controlled by the major histocompatibility complex and by the Qa/TL region in mice. *Immunol. Rev.* 47, 175 (1979).
2. Klein, J., Huang, H.S., Lemke, H., Hammerling, G. J., and Hammerling, U.; Serological analysis of H-2 and Ia molecules with monoclonal antibodies. *Immunogenetics*, 8, 419 (1979).
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4. Klein, J., Figueroa, F., and Chella S. David.; H-2 Haplotypes, Genes and Antigens: Second listing. II. The H-2 Complex. *Immunogenetics*, 17, 553-596 (1983).

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