



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Technically  
Speaking

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

**Anti-Mouse H-2K<sup>k</sup>  
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<sub>2a</sub>

**DESCRIPTION:**

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

**PRESENTATION:**

**Ascites:** 0.5ml Lyophilized.

**Purified:** Purified IgG buffered in PBS and 0.02% NaN<sub>3</sub>. (Purified from ascitic fluid via Protein G Chromatography).

**Biotin, FITC and PE:** Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN<sub>3</sub> 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<sup>k</sup>

*Continued Overleaf.....*

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## **TEST RESULTS:**

Mouse Strain: CBA

Cell Concentration:  $1 \times 10^6$  cells per test

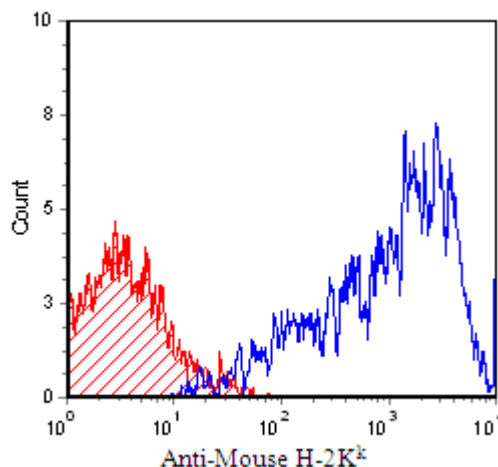
Antibody Concentration Used:  $0.5 \mu\text{g}/10^6$  cells

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).
3. Klein, J., Gotze, D., Hammerling, G. J., and Lemke, H.; Nomenclature for H-2 and Ia antigens defined by monoclonal antibodies. *Immunogenetics*, 9, 503-507 (1979).
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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