SZABO SCANDIC

Part of Europa Biosite

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

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

PE Anti-Mouse H-2K^{b}D^{b} Monoclonal Antibody

CL9007PE
LOT:

DESCRIPTION:

Cedarlane's anti-mouse H-2K^{b}D^{b} monoclonal antibody is specific for cells expressing the H-2K antigen coded for by the b haplotype and for cells expressing the H-2D antigen coded for by the b haplotype.

PRESENTATION:

50 µg PE conjugated Ig buffered in PBS, 0.02% NaN_3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

STORAGE/STABILITY:

Stable at 4°C. **DO NOT FREEZE**. Avoid prolonged exposure to light.

For more information or to place an order please contact...

CEDARLANE® LABORATORIES LIMITED
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in North America
phone: (905) 878-8891 • fax: (905) 878-7800

or visit our website for a list of our international distributors including contact information
website: www.cedarlanelabs.com • e-mail: info@cedarlanelabs.com

SPECIFICATIONS:

Clone: 5041.16.1

Hybridoma Production:

Immunization: Recipient: CBA/J
Immunocyte Donor: bm12:thymus, lymph node, spleen

Fusion Partner: NS-1 mouse myeloma cell line

Specificity: Mouse H-2K^bD^b

Ig Class: Mouse IgG_{2a}

Presentation: PE-labelled Ig buffered in PBS with the addition of 0.02% NaN_3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. (PE-labelled from ascitic fluid via Protein G Chromatography)

Antibody Concentration: 0.1 mg / ml

FLOW CYTOMETRY ANALYSIS:

1. Prepare cell suspension in Media A. For cell preparations, deplete the red blood cell population with Lympholyte®-M cell separation media (CL5030).
2. Wash 2 times.
3. Resuspend the cells to a concentration of $2x10^7$ cells/ml in media A. Add 50µl of this suspension to each tube (each tube will then contain 1×10^6 cells, representing 1 test).
4. To each tube add 0.2- 0.5 µg of **CL9007PE** per 10^6 cells*****.
5. Vortex the tubes to ensure thorough mixing of antibody and cells.
6. Incubate the tubes for 30 minutes at 4°C.
7. Wash 2 times at 4°C.
8. Resuspend the cell pellet in 50 µl ice cold Media B.
9. Transfer to suitable tubes for flow cytometric analysis containing 15 µl of propidium iodide at 0.5 mg/ml in phosphate buffered saline. (This stains dead cells by intercalating DNA.)

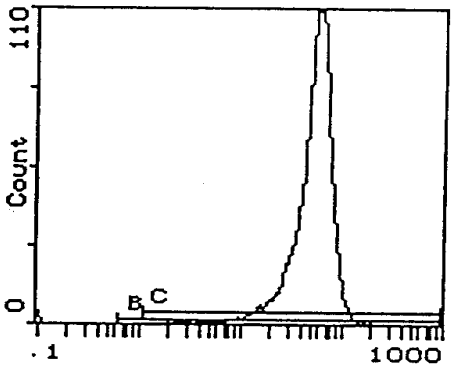
MEDIA:

A. Phosphate buffered saline (pH 7.2) + 5% normal serum of host species + sodium azide (100 µl of 2 M sodium azide in 100 mls).

B. Phosphate buffered saline (pH 7.2) + 0.5% bovine serum albumin + sodium azide (100 µl of 2 M sodium azide in 100 mls).

FLOW CYTOMETRIC ANALYSIS:

Donor: C57BL/6
Cell Concentration: $1x10^6$ cells
Antibody Concentration: 0.2 µg/10^6 cells
Isotypic Control: PE Mouse IgG_{2a}, κ



LFL2
Cell Source: Spleen
Percentage of Cells Stained Above Control: 99.3%

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

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

STRAIN DISTRIBUTION:

Procedure: As above
Antibody Concentration: 0.2µg/10^6 cells
Strains Tested:

Strain	Haplotype	+/-
BALB/c	H-2^d	-
C3H/He	H-2^k	-
CBA/J	H-2^k	-
C57BL/6	H-2^b	+
B6Lyt 2.1 3.1	H-2^b	+

FOR RESEARCH USE ONLY

(Not to be administered to humans or animals nor used for any drug purpose)