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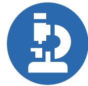
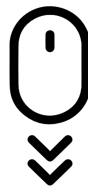
Diagnostik & molekulare Diagnostik

 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

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Purified Anti-Mouse I-A^p
Monoclonal Antibody

CL8708AP

DESCRIPTION:

Cedarlane's anti-I-A^p monoclonal antibody is a cytotoxic antibody which defines a public I-A antigen. This antibody reacts with I-A antigen from the following I-A haplotypes: I-A^{p,k,q,r,s,b}. Using recombinant strains, reactivity against the b haplotype has been localized to the A^b subregion. This antibody can be used to quantitate or eliminate I-A bearing cells for precipitating I-A antigen.

PRESENTATION:

250 µg purified Ig buffered in PBS and 0.02% sodium azide (NaN_3).

STORAGE/STABILITY:

Store at 4°C. For long term storage, aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: 7-16.17

Hybridoma Production:

Immunization: Immunogen: B10.p
Donor: BALB/c

Fusion Partner: SP2/0

Specificity: Mouse-I-A^{p,k,q,r,s,b}

Ig Class: Mouse IgG_{2a}

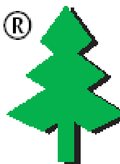
Format: Purified Ig buffered in PBS and 0.02% NaN_3 (Purified from ascites fluid via Protein G Chromatography).

Antibody Concentration: 1.0 mg/ml

Continued Overleaf……

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

CEDARLANE® LABORATORIES LIMITED



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FLOW CYTOMETRY ANALYSIS:

Method:

1. Prepare a cell suspension in media A. For cell preparations, deplete the red blood cell population with Lympholyte®-M cell separation medium (CL5030).
2. Wash 2 times.
3. Resuspend the cells to a concentration of $2x10^7$ cells/ml in media A. Add 50 µl of this suspension to each tube (each tube will then contain $1x10^6$ cells, representing 1 test).
4. To each tube, add 0.2-1.0 µg* of **CL8708AP** .
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. Add 100 µl of secondary antibody (FITC Goat anti-mouse IgG) at 1/500 dilution.
9. Incubate the tubes at 4°C for 30-60 minutes.
   (It is recommended that the tubes are protected from light since most fluorochromes are light sensitive).
10. Wash 2 times at 4°C in media B.
11. Resuspend the cell pellet in 50 µl ice cold media B.
12. Transfer to suitable tubes for flow cytometric analysis containing 15 µl of propidium iodide at 0.5 mg/ml in PBS. This stains dead cells by intercalating in DNA.

Media:

A. Phosphate buffered saline (pH 7.2) + 5% normal serum of host species + sodium azide (100 µl of 2M sodium azide in 100 mls).
B. Phosphate buffered saline (pH 7.2) + 0.5% Bovine serum albumin + sodium azide (100 µl of 2M sodium azide in 100 mls).

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.**

Strain Distribution by Flow Cytometry Analysis:

Procedure: As above
Antibody Concentration: 0.5 µg/10^6 cells
Strains Tested:

Strain	H-2 Loci Alleles								+/-
	K	A_	A	E_	E_	C4	C4S	D	
BDP	s	s	s	s	s	s	s	d	+
A.TH	s	s	s	s	s	s	s	d	+
C3H/He	k	k	k	k	k	k	k	k	+
C57BL/6	b	b	b	b	b	b	b	b	+
BALB/c	d	d	d	d	d	d	d	d	-

For a more detailed strain distribution - see reference 1.

REFERENCES:

1. Harmon, R.C., Stein, N., Frelinger, J.A. 1983. Immunogenetics 18:541-545.

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