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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 CD120a (TNFR, p55) Monoclonal Antibody

CL8957PE
CL8957PE-3
LOT: 5255A

DESCRIPTION:

CL8957PE reacts with the extracellular part of the mouse TNF-Receptor (p55) and with the soluble receptor. TNF-Receptor (p55) is present on most cell types and is considered to play a prominent roll in cell stimulation by TNF . Induction of cytotoxicity and other functions are mediated largely via TNF-Receptor p55.

This antibody is suitable for use in flow cytometry.

PRESENTATION:

50 µg (CL8957PE) or 300 µg (CL8957PE-3) R-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:

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

SPECIFICATIONS:

Clone: HM104

Specificity: Mouse TNFR-p55

Ig Class: Rat IgG_{2a}

Antibody Concentration: 0.1 mg/ml

Continued Overleaf….

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

CEDARLANE® LABORATORIES LIMITED

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or visit our website for a list of our international distributors including contact information

website: www.cedarlanelabs.com • e-mail: info@cedarlanelabs.com

FLOW CYTOMETRY ANALYSIS:

Method:

1. Prepare a cell suspension in media A. For spleen 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 1 x 10^6 cells, representing 1 test).
4. To each tube, add 1.0 µg* of **CL8957PE** or **CL8957PE-3** 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.
   (It is recommended that the tubes are protected from light, since most fluorochromes are light sensitive.)
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 PBS. This stains dead cells by intercalating in DNA.

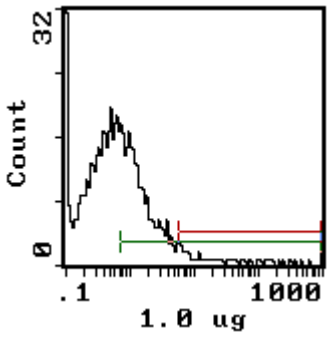
Media:

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).

Results:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: CBA
Cell Concentration : $1x10^6$ cells per test
Antibody Concentration Used: 1.0 µg/10^6 cells
Isotypic Control: PE Rat IgG_{2a}
Cell Source: Spleen
Percentage of Cells Stained Above Control: 5.05%



N.B. Appropriate control samples should always be included in any labelling studies.
*** For optimal results in various applications, it is recommended thateach investigator determine dilutions appropriate for individual use.**

R-Phycoerythrin conjugates are produced under license and protected under Stanford University held patents 4,520,110; 4,542,104; 4,859,582; 5,055,556 (U.S.): 76695 (EPC): 548440 (Australia): 1,179,942 (Canada): and 1,594,827 (Japan).

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