

CD16, Granulocyte, Macrophage, FcγRIII, FITC-conjugated, clone 3G8 Monoclonal Antibody

Catalog No.: MON1187F

Quantity: 0.5 ml

Specificity

The main cellular reactivities are NK-cells, macrophages and granulocytes.

Immunoglobulin type

Murine IgG₁

Use

The antibody can be used for flow cytometry. F/P Ratio: 3-5.

Instructions for use

This antibody has been titred for application in flow cytometry. 1 µl is the maximum amount of reagent required for 1 x 10⁶ cells. Lesser amounts of antibody may be sufficient and it is recommended that the customer determines the optimum amount of antibody for each application.

Isotype Controls

It is recommended that Monosan isotype controls be used since they have been conjugated using the same protocols as for the monoclonal antibodies: Mouse IgG₁ FITC Code M101

Presentation

100 µg / 0.5 ml antibody solution containing sodium azide. A highly purified grade of BSA has been added as a stabilizing protein to bring the final protein concentration to 4-5 mg/ml.

Minimum number of tests: 100.

Literature

- Fleit, H.B., et al., 1982, Proc. nat. Acad. Sci. USA 79, 3275.
- Perussia, B., et al., 1984, J. Immunol. 133, 180.
- Huizinga, T.W.J., et al., 1988, Nature 333, 667.
- Lanier, L.L., et al., 1988, J. Immunol. 141, 3478.
- Simmons, D., et al., 1988, Nature 333, 568.
- Peltz, G.H., et al., 1989, Proc. nat. Acad. Sci. USA 86, 1013.
- Ravetch, J.V., et al., 1989, J. exp. Med. 170, 481.
- Werfel, Th., et al., 1989, J. Immunol. 142, 1102.

Storage & Handling

Store at 2-8°C for short term (to 3 months) and at -20°C for long term storage.

Aliquot and avoid repeated freezing and thawing. Fluorochrome conjugates should be stored in the dark and direct exposure to light should be avoided during handling and cell staining.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.



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