

CD25, IL2R α -chain, FITC-conjugated, clone CD25-3G10 Monoclonal Antibody

Catalog No.: MON1190F

Quantity: 0.5 ml

Specificity

The antibody reacts with the α chain of the Interleukin-2 Receptor (55 kD glycoprotein). CD25 is expressed on activated T-lymphocytes and B-lymphocytes.

Immunoglobulin type: Murine IgG₁

Use

The antibody can be used for flow cytometry. The main cellular reactivities are activated T-cells, B-cells and macrophages. F/P Ratio: 3-5.

Instructions for use

This antibody has been titred for application in flow cytometry. 5 μ l is the maximum amount of reagent required for 1×10^6 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 μ g / 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

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- Cosman, D., Cerretti, D.P., Laizer, A., Park, L., March, C., Dower, S., Gillis, S. and Urdal, D. 1984, Nature 312: 768
- Leonard, W.J., Depper, J.M., Crabtree, G.R., et al. 1984, Nature 311:626
- Rubin, L.A., Kurman, C.E., Biddison, W.E., Goldman, N.D. and Nelson, D.L. 1985 Hubridomq 4:91
- Goldstein, A.M., Marcon, L., Cullen, B.R. and Nelson, D.L. 1988 J.Immunol. Methods 107:103
- Tighe, H., Friend, P.J., Collier, S.T., Decurtins, M., Lim, S., Cobbold, S.P., Thriu, S., Calne, R.Y. and Waldmann, H. 1988 Transplantation 45:226

Storage & Handling

Store at 2-8°C for short term to 3 months and at -10°C or colder for long term.

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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