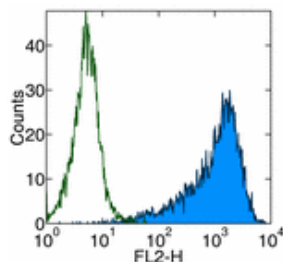


Anti-Human CD25 Purified

Catalog Number: 14-0259

Also Known As: Interleukin-2 Receptor alpha, IL-2Ra, IL2Ra

RUO: For Research Use Only



Staining of PHA stimulated human PBMC with Anti-Human CD25 PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD25 Purified

 Catalog Number: 14-0259

Clone: BC96

Concentration: 0.5 mg/ml

Host/Isotype: Mouse IgG1, κ

HLDA Workshop: V T-072

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The BC96 monoclonal antibody reacts with human CD25, the 55 kDa interleukin-2 receptor α chain (IL-2R α). CD25 is expressed by early progenitors of T and B lineage as well as by activated mature T and B lymphocytes. By itself, CD25 binds IL-2 only with low affinity. However, CD25 associates with CD122 (IL-2 receptor β chain) and CD132 (common γ chain) to form the high affinity IL-2 receptor. CD25 plays a role in lymphocyte differentiating and activation/proliferation.

Applications Reported

The BC96 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The BC96 antibody has been tested by flow cytometric analysis of PHA-activated human peripheral blood leukocytes. This can be used at less than or equal to 1 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Schlossman, S., L. Bloumsell, et al. eds. (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

11-4011 Anti-Mouse IgG FITC

11-4317 Streptavidin FITC

12-4317 Streptavidin PE

13-4013 Anti-Mouse IgG Biotin (Polyclonal)

14-4714 Mouse IgG1 K Isotype Control Purified

17-4317 Streptavidin APC

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