
Mouse Anti-Human CD25-FITC conjugate

Catalog# CD25F-100 **Size** 100 tests
Catalog# CD25F-25 **Size** 25 tests

PRODUCT INFORMATION

CLONE: HI25a
ISOTYPE: Mouse IgG1
Product Forms: Purified, FITC conjugation, PE conjugation.
SIZE: 25 Tests

DESCRIPTION

CD25 McAb recognizes a 55 KD type I transmembrane glycoprotein known as the low-affinity receptor for IL-2 (IL-2R α). CD25 associates with CD122 (IL-2R β , P75) and the common γ Chain-CD132 (IL-2R γ , P64) to form the high-affinity IL-2R complex. CD25 antigen is expressed on activated T and B lymphocytes and activated macrophages and also on the cells of adult T-cell leukemia (ATL), but is absent from resting T and B cells. Antigen density of CD25 is upregulated by the stimulation of PHA, ConA and CD3 antibody.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography and is conjugated with FITC, R-PE under optimum conditions.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of acetone-fixed frozen sections and formalin-fixed paraffin sections.
The conjugated reagent (FITC, R-PE) is tested for flow cytometric analysis using 20 μ l/10⁶ cells or 100 μ l peripheral blood cells.

STORAGE

For purified forms, long term storage at -20 \square .
For conjugated forms, storage at 4 \square , should not be frozen and avoid prolonged exposure to light.

REFERENCES

Tadamitsu K., K.Hitoshi, A.E.G.Kr.van dem Borne, et al., eds. 1997. Leucocyte Typing \square : White Cell Differentiation Antigens. Garland Publishing, Inc., New York.