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-2Rα). CD25 associates with CD122 (IL-2Rβ,P75) and the common γ Chain-CD132 (IL-2Rγ, 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 20µl/10^6 cells or 100µl peripheral blood cells.

STORAGE

For purified forms, long term storage at -20☐.
For conjugated forms, storage at 4☐, 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 ☐: White Cell Differentiation Antigens. Garland Publishing, Inc., New York.

Alpha Diagnostic Intl Inc., 6203 Woodlake Center Dr, San Antonio, TX 78244, USA; **Email**: service@4adi.com

India Contact:
Life Technologies (India) Pvt. Ltd.
306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com