
CD25 (HI25a) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody

Cat. No.: 251069

Unit: 2 ml

Description:

The CD25 (HI25a) antibody recognizes a 55 kDa type-I transmembrane glycoprotein known as the low-affinity receptor for IL-2 (IL-2R β). CD25 associates with CD122 (IL-2R γ , 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, activated macrophages, and adult T-cell leukemia (ATL) cells, but is absent from resting T and B cells. CD25 antigen density is altered by treatment with PHA, ConA and CD3 antibody.

Isotype: mouse IgG1

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Interleukin-2 receptor alpha chain; IL-2 receptor alpha subunit; IL2-RA; IL2-RA; p55; TAC antigen; CD25 antigen; IL2RA

Accession No.: P01589

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: Tadamitsu K. et al., eds. 1997. Leucocyte Typing VI: White Cell Differentiation Antigens. P49-52, 113-114 Garland Publishing, Inc., New York.

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