
CD25 (HI25a) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250957

Unit: 0.1 mg

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 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, 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: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 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: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections and formalin-fixed paraffin-embedded tissues. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year 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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