CD5 (HISM2) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody
Cat. No.: 251050
Unit: 2 ml

Description:
The CD5 (HISM2) Antibody recognizes a 67 kDa type-I single-chain transmembrane glycoprotein. CD5 antigen is early expressed during thymocyte development and is displayed on all mature T lymphocytes, on a small subset of peripheral B lymphocytes, and on most Ig+ B-chronic lymphoblastic leukemia (B-CLL) cells. CD5 is a ligand for the CD72 antigen expressed on B lymphocytes and is involved in T cell signaling, activation, proliferation and interaction with B cells.

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: T-cell surface glycoprotein CD5; Lymphocyte antigen T1/Leu-1; CD5; LEU1
Accession No.: P06127

Application Notes: FC with whole blood: 100 ?l blood + 20 ?l antibody; FC with cells: 10E6 cells + 20 ?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.

For research use only, not for diagnostic or therapeutic procedures.