



**Category:**  
Monoclonal Antibodies

**Cat. #**  
V7124

**Product Name:**  
CD5, T-cell

**Description:**  
Monoclonal Mouse Anti-Human T-cell, CD5

**Immunogen:**  
Recombinant prokaryotic fusion protein corresponding to the external domain of the CD5 molecule.

**Application:**  
Immunohistochemistry 1:50-1:100.(Frozen sections only)  
Flow Cytometry 1:150-1:300.

**Species Reactivity:**  
Human. Others not tested.

**Recommended Positive Control:**  
Lymph Node, Tonsil

**Presentation:**  
20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

**Aliquoting Instructions:**  
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

**Staining Procedure:**  
It is recommended that this product be used in frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory. This product is not suitable for use on formalin-fixed paraffin-embedded sections.

**Specificity:**  
This antibody reacts with a 67 kD molecule present on the surface of more than 95% normal human T-cells. Reactivity: these antibodies react with the great majority of T-cells in peripheral lymphoid tissue. They react weakly but distinctly with all cortical thymocytes and more intensely with medullary thymocytes.

**Storage:**  
Refrigerate at 4°C. Do not freeze.

**Size:** 0.2 mg  
**Clone:** U216 (CRIS-1)  
**Isotype:** IgG2a  
**Host:** Mouse  
**Form:** Purified  
**Concentration:** 0.5 mg/ml  
**Units On Hand:** YES

**References:**  
1. Stein H, Lennert K, Feller AC, Mason DY. Immunohistological analysis of human lymphoma: Correlation of histological and immunological categories. Adv Cancer Res 42: 67-147, 1984.  
2. Erber WN, Mynheer LC, Mason DY. APAAP labelling of blood and bone-marrow samples for phenotyping leukaemia. Lancet i: 761-5, 1986.

**For Research Use Only**

**Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)**