



**Category:** Monoclonal Antibodies  
**Cat. #** V6032-2  
**Product Name:** CD43b – clone U204, Purified

**Description:**  
Monoclonal Mouse Anti-Human CD43 (Leucosialin, Sialophorin)

**Immunogen:**  
Immature pluripotent human leukemia cell line K562.

**Application:**  
Immunofluorescence 5-20 ug/mL. Flow cytometry 1-5 ug/10<sup>6</sup> cells. Western blotting 1-5 ug/mL. Immunohistochemistry 5-20 ug/mL on frozen sections using avidin-biotin system. The optimal dilution factors should be determined by the individual laboratory. This product was not quality controlled in flow cytometry.

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

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

**Presentation:**  
50 mM Sodium Borate, 150 mM Sodium Chloride, 20% Glycerol and 0.05% Sodium azide, pH 8.0.

**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. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

**Staining Procedure:**  
This antibody can be used on frozen cryostat sections as well as formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 5-20 ug/mL.

**Specificity:**  
This antibody reacts with a 95-115 kD glycoprotein on T-cells and thymocytes and a 115-135 kD molecule on neutrophils and platelets.

**Storage:**  
Store at 2~8°C for short term, freeze under -20°C for long term storage.

**Size:** 0.2 mg  
**Clone:** U204  
**Isotype:** IgM  
**Host:** Mouse  
**Form:** Purified  
**Concentration:** .5 mg/ml  
**Units On Hand:** YES

**References:**  
1. Chorvath, et al, Neoplasia 39: 325-329, 1992.  
2. Manjunath, N., et al, J. Immunol. 151: 1528-1534, 1993.  
3. Schlossman, S.F., Leucocyte Typing V, 1995.

**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)