



Category: Monoclonal Antibodies **Cat. #** V7086 **Product Name:** Myeloid Cells

Description:
Monoclonal Mouse Anti-Human Myeloid Cells

Immunogen:
Human peripheral blood mononuclear cells.

Species Reactivity:
Human. Others not tested.

Application:
- Immunohistology (Formalin/paraffin)

Species Reactivity:
Human, Others not tested.

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 dilutent to use with most antibodies.

Staining Procedure:
This antibody can be used on formalin-fixed and paraffin-embedded tissue sections. For a three-step avidin-biotin complex system, a dilution of 1:50 to 1:70 may be used as a guideline. This product can also be used in frozen tissue sections and cell smears. The optimal conditions should be determined by the individual laboratory. For best staining results, acetone should be the choice of fixative.

Specificity:
This antibody reacts with 183kD cytoplasmic antigen - DNA-binding - expressed in most myeloid precursor cells and myeloid leukemia. This antibody reacts with precursors to myeloid cells in bone marrow, tissue granulocytes, and scattered cells in the peripheral cortex and interlobular separe of adult and fetal thymus. It can also be used to identify M2 and M3 of AML, of CML and CMMol, and granulocytic sarcomas.

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage

Size: 0.2 mg
Clone: B490 (BM-1)
Isotype: IgG1
Host: Mouse
Form: Purified
Mol. Wt. of Antigen: ~200kD
Concentration: IgG1 approx. 0.5mg/ml

References:

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