Category:	Cat. #	Product Name:
Monoclonal Antibodies	V10406	**Granulocyte (Myeloid Cell Marker) - purified**

Description:
Monoclonal Mouse Anti-Human Granulocyte (Myeloid Cell Marker)

Immunogen:
Human granulocytes

Application:
Immunohistochemistry 1:50-1:100. Flow Cytometry 1:150-1:300. Immunoprecipitation.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Tonsil, Spleen, Thymus

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, 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 frozen and formalin-fixed paraffin-embedded tissue sections. When using with formalin-fixed paraffinembedded tissue sections an antigen demasking treatment is recommended. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with early precursor and mature forms of human myeloid cells. It is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes.

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

Size: 0.2 mg
Clone: B420 (BM-2)
Isotype: IgG1
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Cobbold, S. etal, In Leucocyte Typing III (ed. McMichael A.J. etal), Oxford University Press, 1987.
2. Tedder, T.F. etal, J. Immunol. 141:4388, 1988

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