



<b>Category:</b> Monoclonal Antibodies	<b>Cat. #</b> V6017	<b>Product Name Price</b> CD15, Granulocyte Associated Antigen - Purified
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**Description:**  
Monoclonal Mouse Anti-Human Granulocytes Associated Antigen, CD15.

**Immunogen:**  
The human leukemia cell line K562.

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

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

**Recommended Positive Control:**  
Spleen, Tonsil, Bone Marrow.

**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 formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The V6017 antibody may be used at a dilution of 1:50. A high temperature antigenic unmasking technique is strongly recommended for consistent and reproducible results on paraffin-embedded tissue sections. This product can also be used on frozen tissue sections. The optimal conditions should be determined by the individual laboratory.

**Specificity:**  
This antibody reacts with human CD15 antigen (X-hapten). The specificity of this antibody is similar to those of Leu-M1, C3D-1, Tü, and VIM-D5. It also reacts with an antigen found on mature granulocytes and on Hodgkin's and Reed-Sternberg cells.

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

**Size:** 0.2 mg  
**Clone:** B309(BRA-30)  
**Isotype:** IgM  
**Host:** Mouse  
**Form:** Purified  
**Concentration:** 0.5 mg/ml  
**Units On Hand:** YES

**References:**  
1. Dorfman, RF., Gatter, KC., Pulford, KAF., Mason, DY. An evaluation of the utility of anti-granulocyte and anti-leukocyte monoclonal antibodies in the diagnosis of Hodgkin's disease. Am J Pathol 123:508-19, 1996.  
2. Leucocyte Typing IV, Oxford Univ. Press, 868, 877, 1989.  
3. Neoplasma, 37: 387, 1990.

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