



Category: Monoclonal Antibodies **Cat. #** V7103 **Product Name:** CD16, Fc Gamma Receptor III –Purified

Description:
Monoclonal Mouse Anti-Human CD16 (Fc gamma RIII)

Immunogen:
Human leucocytes

Application:
Immunohistochemistry 1:50-1:100.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Tonsil, Thymus, Spleen

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:
This antibody can be used on frozen tissue sections. 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 CD16, a 50-70kD glycoprotein expressed on NK cells, macrophages, and granulocytes. It also reacts with NK cells and neutrophils.

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

Size: 0.2 mg
Clone: B482 (CB-16)
Isotype: IgG1
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Funaro, A. et al, Natur. Immunol. & Cell Growth Regul. 7:106-115, 1988.
2. Fleit, H.B. et al, Proc. Nat. Acad. Sci. USA 79: 3275, 1982.
3. Perussia, B. et al, J. Immunol. 133:180, 1994.

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