



**Category:**  
Monoclonal Antibodies

**Cat. #**  
1107NF-V7103

**Product Name:**  
CD16, Fc Gamma Receptor III –Concentrated

**Description:**  
Monoclonal Mouse Anti-Human CD16 (FcgammaRIII)

**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. When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. 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 tissue sections. The antibody may be used at a dilution of 1:50-1:100 in IHC. 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.

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

**Size:** 0.5 ml  
**Clone:** B482 (CB-16)  
**Isotype:** IgG1  
**Host:** Mouse  
**Form:** Concentrated  
**Concentration:** .3 mg/ml  
**Units On Hand:** YES

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

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