



**Category :** Polyclonal Antibodies      **Cat. #** 1107NF-V4073      **Product Name :** Myeloperoxidase

**Description:**  
Polyclonal Rabbit Anti-Human MyeloPeroxidase

**Immunogen:**  
Human myeloperoxidase purified from CML cells.

**Application:**  
IHC use 1:100-1:200 dilution.  
The optimum dilution should be determined by the individual lab.

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

**Recommended Positive Control:**  
Spleen, Bone Marrow, Tonsil or Blood Serum

**Presentation:**  
Immunoglobulin fraction in 10 mM phosphate, 150 mM Sodium Chloride, BMC-6 carrier polysaccharides, and 0.05% Sodium Azide, pH 7.4.

**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 formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:100 -1:200 in IHC. A predigestion with proteolytic enzymes, e.g. trypsin, may be necessary before staining. This product can be also used on frozen tissue sections or on cell smears. The optimal conditions should be determined by the individual laboratory.

**Specificity:**  
This antibody reacts with human myeloperoxidase located in the granules of neutrophil granulocytes and in the granules of monocytes to a lesser extent.

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

**Size:** 0.5 ml  
**Host:** Rabbit  
**Form:** Concentrated  
**Concentration:** Antibody conc. 0.5 mg/ml  
**Units On Hand:** YES

**References:**  
1. Imamura, N, et al, Euro. J. Hematol., 41: 420-428, 1988.  
2. Kimura, S, et al, Protein, 3: 113-120, 1988

**For Research Use Only**

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