

Myeloperoxidase

Mouse Monoclonal Antibody (Mab)
Catalog # APA098

Specification

Myeloperoxidase - Product Information

Application IHC
Primary Accession P05164
Host Mouse
Clonality Monoclonal
Calculated MW 83869 Da

Myeloperoxidase - Additional Information

Gene ID 4353 Gene Name MPO

Other Names

Myeloperoxidase, MPO, 1.11.2.2, Myeloperoxidase, 89 kDa myeloperoxidase, 84 kDa myeloperoxidase, Myeloperoxidase light chain, Myeloperoxidase heavy chain, MPO

Dilution

IHC~~1:100~500

Storage Maintain refrigerated at 2-8°C for up to 2

weeks. For long term storage store at -20°C in small aliquots to prevent

freeze-thaw cycles.

Precautions Myeloperoxidase is for research use only

and not for use in diagnostic or

therapeutic procedures.

Myeloperoxidase - Protein Information

Name MPO (HGNC:7218)

Function Part of the host defense system of

polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the

production of hypohalous acids, primarily

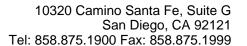
hypochlorous acid in physiologic

situations, and other toxic intermediates that greatly enhance PMN microbicidal

activity.

Cellular Location Lysosome.

Myeloperoxidase - Protocols





Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Myeloperoxidase - Images