

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Myeloperoxidase - Images