

**Myeloperoxidase**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA098****Specification**

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**Myeloperoxidase - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P05164</a> |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 83869 Da               |

**Myeloperoxidase - Additional Information**

|  |      |
|--|------|
| Gene ID  | 4353 |
| Gene Name  | MPO  |
| <b>Other Names</b>   |      |
| 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**