

**Myeloperoxidase**  
Mouse Monoclonal antibody(Mab)  
Catalog # AD80098

### Specification

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#### Myeloperoxidase - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P05164</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	83869

#### Myeloperoxidase - Additional info

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-P~~Ready-to-use  
IHC~~Ready-to-use

#### Storage

Maintain refrigerated at 2-8°C

#### Precautions

**Myeloperoxidase Antibody 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

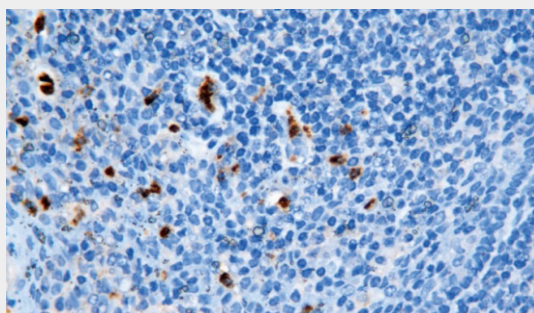
Lysosome.

## Myeloperoxidase - Protocols

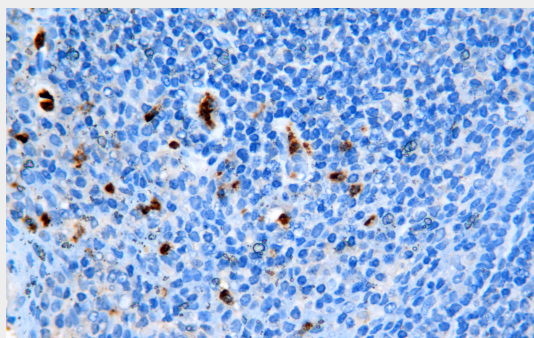
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Myeloperoxidase - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80098 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.