

# Myeloperoxidase

Mouse Monoclonal antibody(Mab)

Catalog # AD80098

## Product Information

---

Application	IHC-P
Primary Accession	<a href="#">P05164</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	394A6A4
Calculated MW	83869

## 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-P~~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.

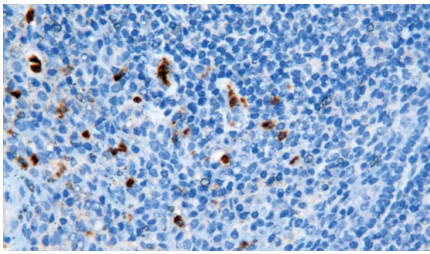
## Protein Information

---

Name	MPO ( <a href="#">HGNC:7218</a> )
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 (PubMed: <a href="#">9922160</a> ). Mediates the proteolytic cleavage of alpha-1-microglobulin to form t-alpha-1-microglobulin, which potently inhibits oxidation of low-density lipoprotein particles and limits vascular damage (PubMed: <a href="#">25698971</a> ).
Cellular Location	Lysosome.

## Images

---



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.