

Anti-MPO / Myeloperoxidase Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17727**Specification**

Anti-MPO / Myeloperoxidase Antibody - Product Information

Application	IHC-P
Primary Accession	P05164
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	83869

Anti-MPO / Myeloperoxidase Antibody - Additional Information**Gene ID** 4353

Alias Symbol	MPO
Other Names	
MPO, Myeloperoxidase precursor, Myeloperoxidase	

Target/Specificity

Recognizes human myeloperoxidase (MPO).

Reconstitution & Storage

Purified

Precautions

Anti-MPO / Myeloperoxidase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MPO / Myeloperoxidase Antibody - 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 (PubMed:9922160). 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:25698971).

Cellular Location

Lysosome.

Anti-MPO / Myeloperoxidase Antibody - 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](#)

Anti-MPO / Myeloperoxidase Antibody - Images