

Myeloperoxidase Rabbit mAb
Catalog # AP75764**Specification**

Myeloperoxidase Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P05164
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	83869

Myeloperoxidase Rabbit mAb - Additional Information**Gene ID** 4353**Other Names**
MPO**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Myeloperoxidase Rabbit mAb - 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.

Myeloperoxidase Rabbit mAb - 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 Rabbit mAb - Images

