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**Product Name: Myeloperoxidase(MPO) Mouse Monoclonal Antibody****Catalog #: AMM22071**

For research use only.

**Summary**

<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2a,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Application**

<b>Dilution Ratio</b>	IHC 1:200-400;ELISA 1:500-5000
<b>Molecular Weight</b>	Calculated MW:84kDa,Observed MW:84kDa,60kDa

**Antigen Information**

<b>Gene Name</b>	MPO
<b>Alternative Names</b>	
<b>Gene ID</b>	Human:4353
<b>SwissProt ID</b>	Human:P05164
<b>Immunogen</b>	Synthesized peptide derived from human Myeloperoxidase(MPO) AA range: 350-450

**Background**

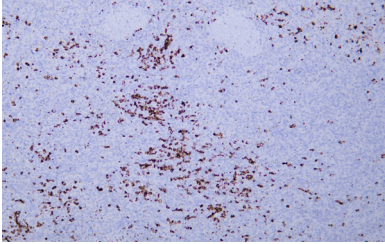
Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces

hypohalous acids central to the microbicidal activity of neutrophils. [provided by RefSeq, Nov 2014],

## Research Area

Pathology

## Image Data



Human spleen tissue was stained with Anti-Myeloperoxidase Antibody