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**Product Name: Myeloperoxidase (5D6) Rabbit Monoclonal Antibody****Catalog #: AMRe14280**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC,IF-P
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:200,ICC/IF 1:20-1:50,FC 1:50-1:100,IF-P 1:100-1:200
<b>Molecular Weight</b>	84kDa

**Antigen Information**

<b>Gene Name</b>	
<b>Alternative Names</b>	84 kDa myeloperoxidase; 89 kDa myeloperoxidase; EC 1.11.1.7; EC1.11.2.2; MPO; mpx; myeloid-specific peroxidase; Myeloperoxidase; Myeloperoxidase heavy chain;
<b>Gene ID</b>	
<b>SwissProt ID</b>	P05164(Human), P11247(抗原, Mouse)
<b>Immunogen</b>	Recombinant protein of human Myeloperoxidase

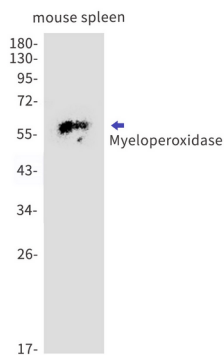
**Background**

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.

## Research Area

## Image Data



Western blot detection of Myeloperoxidase in mouse spleen cell lysates using Myeloperoxidase antibody(1:1000 diluted).