

Product Name: Myeloperoxidase Rabbit Monoclonal Antibody**Catalog #: AMRe86234**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.55mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:200,FC 1:200-1:500
Molecular Weight	Calculated MW:84 kDa; Observed MW:60 kDa

Antigen Information

Gene Name	Myeloperoxidase
Alternative Names	MPO
Gene ID	4353
SwissProt ID	P05164
Immunogen	Recombinant protein of human Myeloperoxidase

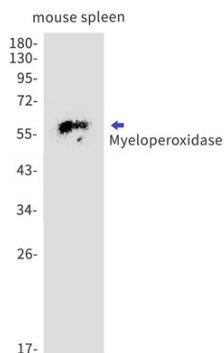
Background

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

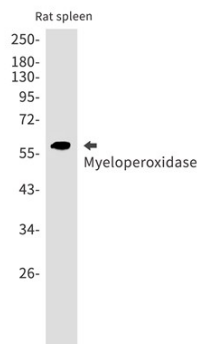
heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. [provided by RefSeq, Nov 2014]

Research Area

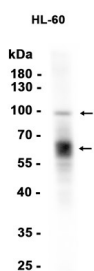
Image Data



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



Western blot analysis of Myeloperoxidase in rat spleen lysates using Myeloperoxidase antibody(1:1000 diluted).



Western blot analysis of extracts from HL-60 cells using AMRe86234 at 1:10000.