

A20748

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Myeloperoxidase (MPO) Mouse mAb

Catalog No.: A20748

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Basic Information

Observed MW

60kDa

Calculated MW

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Rat

CloneNo number

AMC0493

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

4353

Swiss Prot

Immunogen

Recombinant protein of human Myeloperoxidase (MPO).

Synonyms

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG1

Purification

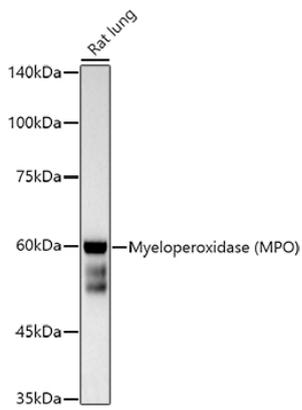
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Rat lung, using Myeloperoxidase (MPO) Mouse mAb (A20748) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.