

Myeloperoxidase (MPO) Rabbit pAb

Catalog No.: A1374

25 Publications

Basic Information

Observed MW

60kDa

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, IF/ICC

Cross-Reactivity

Mouse, Rat

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

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

4353

Swiss Prot

P05164

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 606-745 of human Myeloperoxidase (MPO) (NP_000241.1).

Synonyms

MPO; Myeloperoxidase (MPO)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

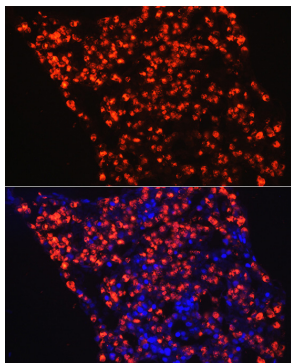
Affinity purification

Storage

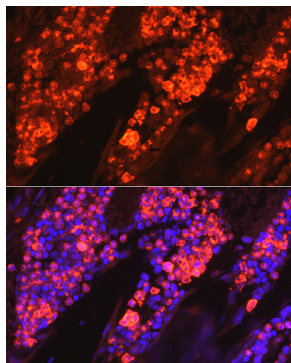
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Immunofluorescence analysis of rat bone marrow using Myeloperoxidase (MPO) Rabbit pAb (A1374) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse bone marrow using Myeloperoxidase (MPO) Rabbit pAb (A1374) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.