

MPO Rabbit Polyclonal Antibody



CAB1374

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60KDa

Calculated MW:

73kDa/83kDa/87kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

4353

Uniprot

P05164

Synonyms:

MPO

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

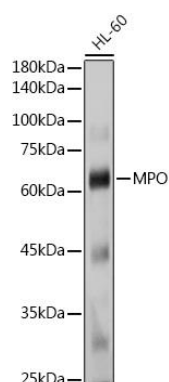
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 50-310 of human MPO (NP_000241.1).

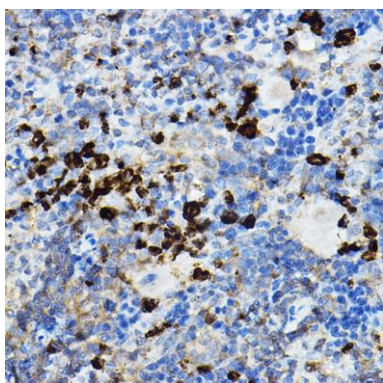
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

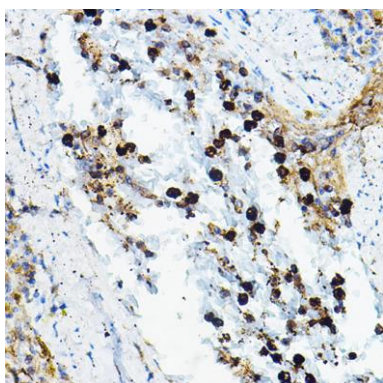
Product Images



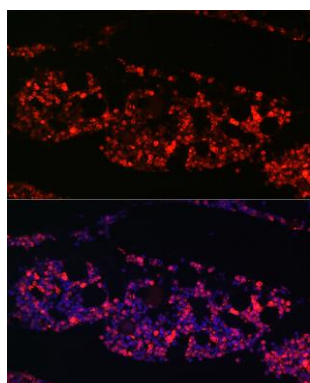
Western blot analysis of extracts of HL-60 cells, using MPO antibody (CAB1374) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat spleen using MPO Rabbit pAb (CAB1374) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using MPO Rabbit pAb (CAB1374) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of Mouse bone marrow cells using MPO antibody (CAB1374) at dilution of 1:100. Blue: DAPI for nuclear staining.