

MPO

Reactivity:Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:84kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human MPO

Storage Buffer:

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

Concentration:

b

Synonym:

MPO;

Catalog #:A1374

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:4353

Isotype:IgG

Swiss Prot:P05164

Purity:Affinity purification

For research use only.

Background:

Myeloperoxidase 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 (1).

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