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MPO Polyclonal Antibody

Cat #: G-AB-05420

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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 netrophils.

Gene ID:

Accession #:

Immunogen: Recombinant protein corresponding to MouseMPO

Conjugation: Unconjugated

Swissprot: P05164,P11247

Calculated Molecular Weight: 60/80-90 kDa

Observed Molecular Weight: 60 kDa

Concentration: 280 g/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:2000

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

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