

MPO Polyclonal Antibody

Catalog No. E-AB-70280

Note: Centrifuge before opening to ensure complete recovery of vial contents.

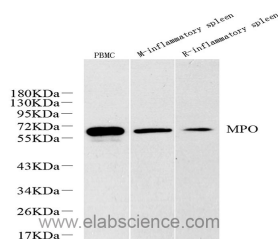
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein corresponding to MouseMPO
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western Blot analysis of various samples using MPO Polyclonal Antibody at dilution of 1:1000.

Observed Mw:60kDa
Calculated Mw:60/80-90kDa

Preparation & Storage

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

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.

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