



Rabbit Anti-Human MPO Polyclonal Antibody (DPABH-05549)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 50-310 of human MPO (NP_000241.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB, IHC
Positive Control	Jurkat, HepG2, HL-60, Mouse pancreas, Rat pancreas
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that
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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.

Keywords MPO; myeloperoxidase;

GENE INFORMATION

Entrez Gene ID [4353](#)

UniProt ID [P05164](#)
