



# Rabbit Anti-Human MPO Polyclonal Antibody (DPABH-06232)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant Protein, antigen sequence: SRDHGLPGYNARRFCGLPQPETVGQLGTVLRNLKLARKLMEQYGTPNNIDIWMGGVSEP LKRKGRVGPLLACIIGTQFRKLRDGRFVWENEGVFSMQQRQALAQISLPRIICDNTGIT TVSKNNIFMSNSYPRDFVNC
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	40% glycerol and PBS (pH 7.2).
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

## BACKGROUND

**Introduction**

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. [provided by RefSeq, Nov 2014]

**Keywords**

MPO; myeloperoxidase;

## GENE INFORMATION

**Entrez Gene ID**

[4353](#)

**UniProt ID**

[P05164](#)