

## Product Datasheet

### MPO Rabbit Polyclonal Antibody (orb1578340)

<b>Catalog Number</b>	orb1578340
<b>Category</b>	Antibodies
<b>Description</b>	MPO Rabbit Polyclonal Antibody
<b>Target</b>	MPO
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	Recombinant human Myeloperoxidase (165-745/745aa)
<b>UniProt ID</b>	<b>P05164</b>
<b>MW</b>	84 kDa
<b>Tested applications</b>	FC, WB
<b>Dilution range</b>	WB=1:500-2000, Flow-Cyt=1ug/Test

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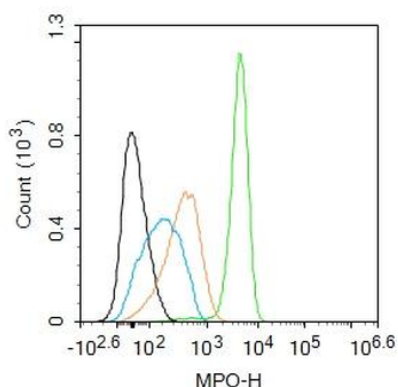
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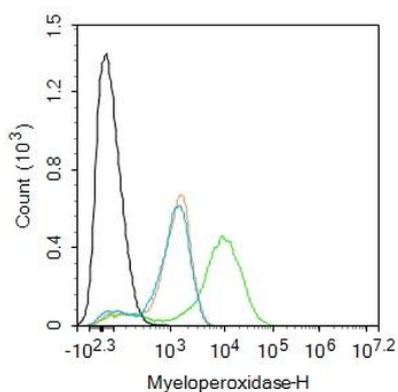
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<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control (black line): HL60. Primary Antibody (green line): Rabbit Anti-MPO antibody (orb1578340), Dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-AF488, Dilution: 0.5 ug/Test. Negative control (white blue line): PBS, Isotype control (orange line): Normal Rabbit IgG, Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Blank control: HL60. Primary Antibody (green line): Rabbit Anti-Myeloperoxidase antibody (orb1578340), Dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 0.5 ug/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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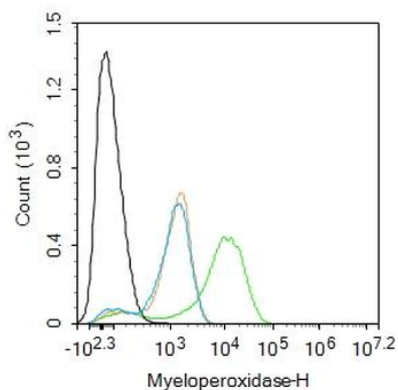
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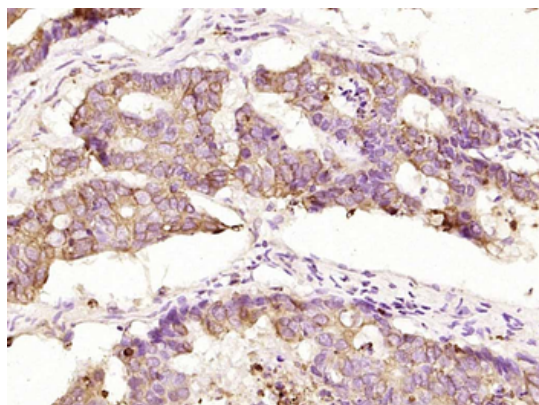
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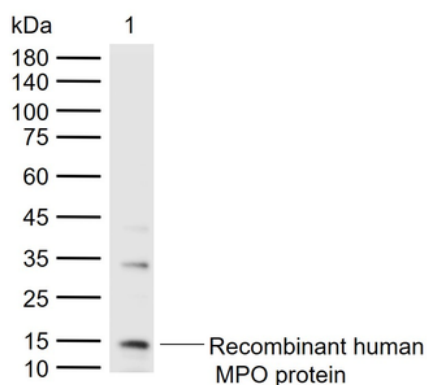
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Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Myeloperoxidase) Polyclonal Antibody, Unconjugated (orb1578340) at 1:2000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Recombinant human MPO protein, Primary: Anti-MPO (orb1578340) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 84 kDa, Observed band size: 15 kDa.

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