

Product datasheet for **AP31673PU-N**

Myeloperoxidase (MPO) Rabbit Polyclonal Antibody

Product data:

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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | Western Blot: 1/100. ELISA: 1/70000. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Native human Myeloperoxidase purified from human Neutrophils |
| Specificity: | This antibody is specific for the human Myeloperoxidase (MPO). |
| Formulation: | PBS containing 0.02% sodium azide (NaN ₃) as preservative State: Aff - Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | myeloperoxidase |
| Database Link: | Entrez Gene 4353 Human P05164 |
| Background: | Myeloperoxidase (MPO) is a 150kDa lysosomal hemoprotein located in the azurophilic granules of neutrophils and monocytes. MPO is a dimeric protein and each dimer contains a two variable ~60-kD heavy unit and a two 12-kD light subunit. MPO is responsible for the microbicidal activity of neutrophils and monocytes against a wide range of organisms. MPO exerts its activity through the production of the cytotoxic compound hypochlorous acid (HOCl) and through generation of tyrosyl radicals on invading organisms. |



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Synonyms: MPO

Protein Families: Druggable Genome