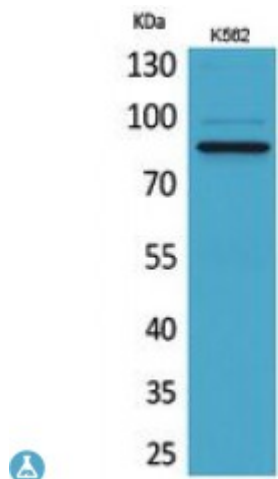


## Anti-MPO antibody



|                         |                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to MPO.                                                                                                                 |
| <b>Model</b>            | STJ96716                                                                                                                                  |
| <b>Host</b>             | Rabbit                                                                                                                                    |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                                         |
| <b>Applications</b>     | ELISA, WB                                                                                                                                 |
| <b>Immunogen</b>        | Synthesized peptide derived from human MPO.                                                                                               |
| <b>Immunogen Region</b> | 41-90 aa, N-terminal                                                                                                                      |
| <b>Gene ID</b>          | <a href="#">4353</a>                                                                                                                      |
| <b>Gene Symbol</b>      | <a href="#">MPO</a>                                                                                                                       |
| <b>Dilution range</b>   | WB 1:500-1:2000ELISA 1:20000                                                                                                              |
| <b>Specificity</b>      | MPO Polyclonal Antibody detects endogenous levels of MPO protein.                                                                         |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                     |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                                              |
| <b>Protein Name</b>     | Myeloperoxidase MPO Myeloperoxidase 89 kDa myeloperoxidase 84 kDa myeloperoxidase Myeloperoxidase light chain Myeloperoxidase heavy chain |
| <b>Molecular Weight</b> | 85 kDa                                                                                                                                    |
| <b>Clonality</b>        | Polyclonal                                                                                                                                |
| <b>Conjugation</b>      | Unconjugated                                                                                                                              |

|                              |                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                          |
| <b>Database Links</b>        | <a href="https://www.ncbi.nlm.nih.gov/condensedcode/HGNC:7218OMIM:254600">HGNC:7218OMIM:254600</a>                                                                                                                                                                                                                                                            |
| <b>Alternative Names</b>     | Myeloperoxidase MPO Myeloperoxidase 89 kDa myeloperoxidase 84 kDa myeloperoxidase Myeloperoxidase light chain Myeloperoxidase heavy chain                                                                                                                                                                                                                     |
| <b>Function</b>              | Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity. |
| <b>Cellular Localization</b> | Lysosome.                                                                                                                                                                                                                                                                                                                                                     |

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