

## Anti-Myeloperoxidase Antibody (60342)

## Product Details

|               |                       |
|---------------|-----------------------|
| Ig Type:      | IgG                   |
| Reactivity:   | Mouse,Rat             |
| Clone:        | 60342                 |
| Purification: | Affinity Purification |

## Applications

|                    |  |
|--------------------|--|
| Verified Activity: | 1. Paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Myeloperoxidase Monoclonal Antibody, Unconjugated (TMAB-09145) at 1:500 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.<br>2. Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Myeloperoxidase Monoclonal Antibody, Unconjugated (TMAB-09145) at 1:500 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining. |
| Application:       | IHC-P,IF,IHC-Fr  |
| Recommended        | IHC-P: 1:200-800; IF: 1:200-800; IHC-Fr: 1:200-800   |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: Mouse MPO |
| Antigen Species: | Mouse                                       |
| Gene ID:         | 17523                                       |
| Uniprot ID:      | P11247                                      |

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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