

## Myeloperoxidase antibody

Cat. No. GTX135127

|                     |            |
|---------------------|------------|
| <b>Host</b>         | Rabbit     |
| <b>Clonality</b>    | Polyclonal |
| <b>Isotype</b>      | IgG        |
| <b>Applications</b> | WB, ICC/IF |
| <b>Reactivity</b>   | Human      |

**Package**  
100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | Assay dependent      |
| ICC/IF             | Assay dependent      |

Not tested in other applications.

**Calculated MW** 84 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 20% Glycerol                                                                                                                                                                                                          |
| <b>Preservative</b>  | 0.025% ProClin 300                                                                                                                                                                                                         |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1.38 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| <b>Immunogen</b>     | Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human Myeloperoxidase. The exact sequence is proprietary.                                                                 |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

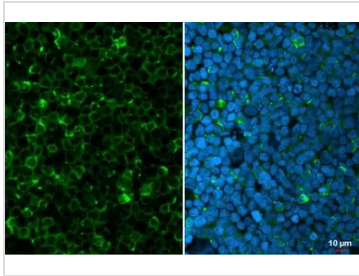
## Note

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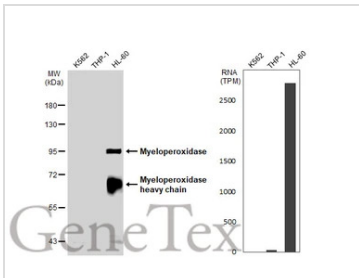
**DATA IMAGES**

**GTX135127 ICC/IF Image**

Myeloperoxidase antibody detects Myeloperoxidase protein at vesicle by immunofluorescent analysis.

Sample: HL-60 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Myeloperoxidase stained by Myeloperoxidase antibody (GTX135127) diluted at 1:500.

Blue: Hoechst 33342 staining.


**GTX135127 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Myeloperoxidase antibody (GTX135127) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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