

## MPO Antibody

CAB1374

### Description

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This MPO Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB1374  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** MPO, Myeloperoxidase (MPO)  
**Clone:** -  
**Applications:** **WB** | **IHC-P** | **ELISA** | **IF-P**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 4353  
**Uniprot:** AB\_2760599  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 60kDa  
**Calculated MW:** 84kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:**

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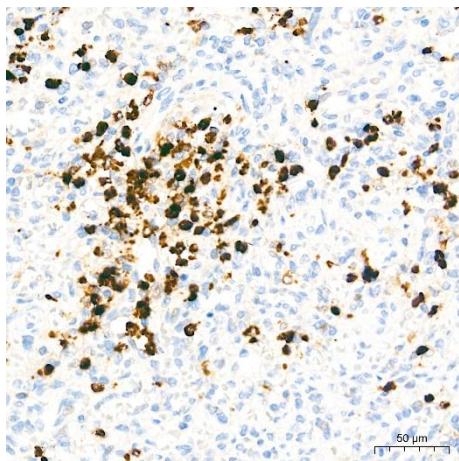
**Recommended Dilutions:**

<b>WB</b>	1:1000 - 1:5000
<b>IF-P</b>	1:50 - 1:200
<b>IHC-P</b>	1:2000 - 1:8000
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

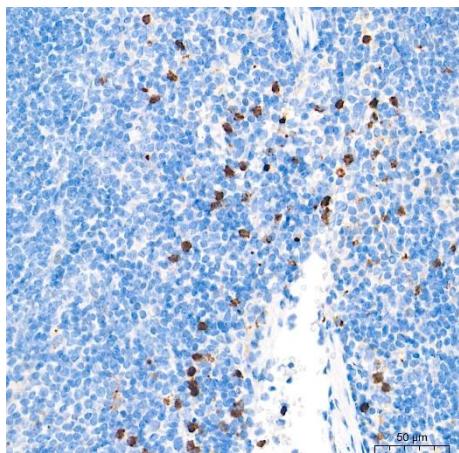
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

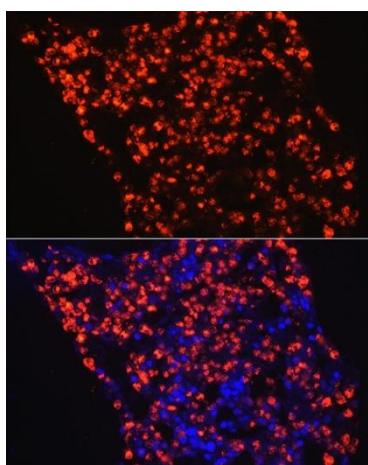
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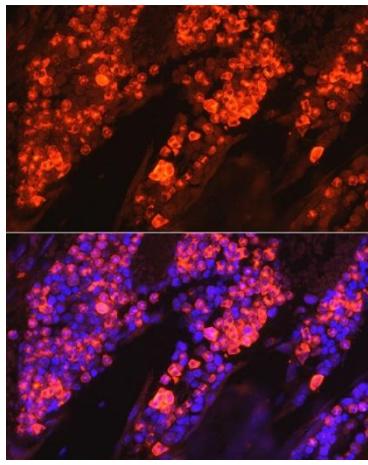
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using Myeloperoxidase (MPO) Rabbit pAb (CAB1374) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Myeloperoxidase (MPO) Rabbit pAb (CAB1374) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of rat bone marrow using Myeloperoxidase (MPO) Rabbit pAb (CAB1374) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse bone marrow using Myeloperoxidase (MPO) Rabbit pAb (CAB1374) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.