

# Product Datasheet

## Myeloperoxidase/MPO Antibody (SP72)

**NBP2-12481-0.1ml**

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP2-12481-0.1ml**

Myeloperoxidase/MPO Antibody (SP72)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SP72
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	pH: 7.40, BSA, 0.0268% PBS

**Product Description**

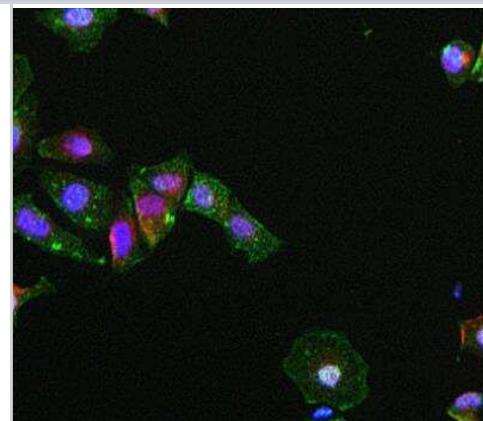
<b>Host</b>	Rabbit
<b>Gene ID</b>	4353
<b>Gene Symbol</b>	MPO
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide within Human Myeloperoxidase aa 600-700 (C terminal). The exact sequence is proprietary.

**Product Application Details**

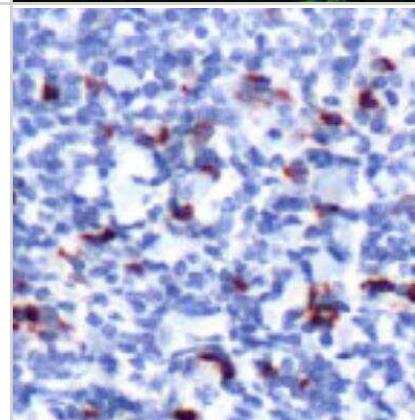
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Flow Cytometry 1:100, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:100

## Images

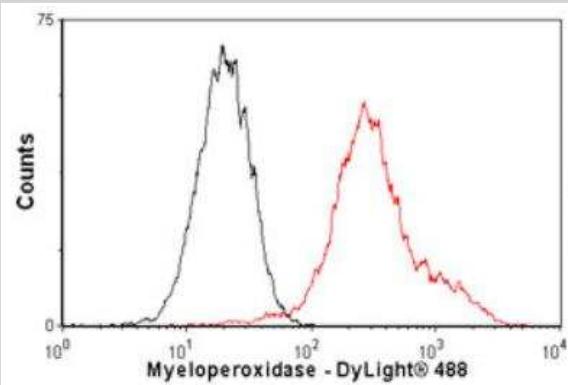
Immunocytochemistry/Immunofluorescence: Myeloperoxidase/MPO Antibody (SP72) [NBP2-12481] - MCF-7 cells.



Immunohistochemistry-Paraffin: Myeloperoxidase/MPO Antibody (SP72) [NBP2-12481] - 1/100 dilution, Human tonsil tissue by Immunohistochemistry.



Flow Cytometry: Myeloperoxidase/MPO Antibody (SP72) [NBP2-12481] - HeLa cells stained with (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (1/100 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rabbit IgG (H+L) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1ug/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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