

Product Datasheet

Myeloperoxidase/MPO Antibody (2C7) [DyLight 594] NB100-64803DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-64803DL594

Myeloperoxidase/MPO Antibody (2C7) [DyLight 594]

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 2C7 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | DyLight 594 |
| Purity | Protein G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 4353 |
| Gene Symbol | MPO |
| Species | Human |
| Specificity/Sensitivity | NB100-64803 recognizes human myeloperoxidase (MPO). MPO is an important component of azurophilic granules in neutrophils, being involved in microbicidal processes. The protein is a multimer of 2 heavy chains (55kD) and two light chains (15kD), the heavy chains being linked by a disulphide bond. NB100-64803 recognizes native MPO in Western blots, and the heavy chain following boiling of the sample. The antibody also recognizes recombinant MPO in Western blots and weakly in ELISA. The antibody may be of value in the study of myeloid cells and myeloid leukaemias by flow cytometry following cell permeabilisation. |
| Immunogen | Human myeloperoxidase |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NB100-64803DL594

| | |
|-----------------|---|
| NBP1-97005DL594 | Mouse IgG1 Isotype Control (MG1) [DyLight 594] |
| NBP2-38922PEP | Myeloperoxidase/MPO Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DY3667 | Myeloperoxidase/MPO [Biotin] |

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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