

# Product Datasheet

## Myeloperoxidase/MPO Antibody (2C7) [Alexa Fluor® 488] NB100-64803AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64803AF488**

Myeloperoxidase/MPO Antibody (2C7) [Alexa Fluor® 488]

| 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               | Alexa Fluor 488  |
| 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  |
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**Product Application Details**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |





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### **Products Related to NB100-64803AF488**

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|                  |   |
|------------------|---|
| DDXCM01A488      | Mouse IgG1 Isotype Control [Alexa Fluor® 488]         |
| NB100-64803AF647 | Myeloperoxidase/MPO Antibody (2C7) [Alexa Fluor® 647] |
| NBP1-87556PEP    | Myeloperoxidase/MPO Recombinant Protein Antigen       |
| 210-TA-005       | TNF-alpha [Unconjugated]                              |

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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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