

# Product Datasheet

## Melanoma Marker (MART-1 + gp100) Antibody (DT101+ BC199 + HMB45) [DyLight 488] NBP2-34608G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34608G**

Melanoma Marker (MART-1 + gp100) Antibody (DT101+ BC199 + HMB45) [DyLight 488]

| 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 in the dark.  |
| <b>Clonality</b>     | Monoclonal  |
| <b>Clone</b>         | DT101+ BC199 + HMB45  |
| <b>Preservative</b>  | 0.05% Sodium Azide  |
| <b>Isotype</b>       | IgG2b Kappa/IgG1 Kappa  |
| <b>Conjugate</b>     | DyLight 488   |
| <b>Purity</b>        | Protein A or G purified   |
| <b>Buffer</b>        | 50mM Sodium Borate  |

| Product Description            |  |
|--------------------------------|--|
| <b>Description</b>             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  |
| <b>Host</b>                    | Mouse  |
| <b>Gene ID</b>                 | 2315   |
| <b>Gene Symbol</b>             | MLANA  |
| <b>Species</b>                 | Human  |
| <b>Marker</b>                  | Melanoma Marker  |
| <b>Specificity/Sensitivity</b> | This antibody cocktail recognizes two melanoma-specific proteins, which include MART-1 and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Function of gp100 is not known but it is reported to be a useful marker for melanocytes and melanomas. A cocktail of these two markers is sensitive for labeling formalin-fixed, paraffin-embedded melanomas and other tumors showing melanocytic differentiation. |
| <b>Immunogen</b>               | Recombinant Melanoma Marker (MART-1 + gp100) protein (DT101 & BC199); Extract of pigmented melanoma metastases from lymph nodes (HMB45)  |
| <b>Notes</b>                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |

| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| <b>Recommended Dilutions</b> | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |



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### **Products Related to NBP2-34608G**

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|            |                          |
|------------|--------------------------|
| 285-IF-100 | IFN-gamma [Unconjugated] |
| 202-IL-010 | IL-2 [Unconjugated]      |
| NB300-223  | Vimentin Antibody        |
| NBP1-19371 | CD4 Antibody - BSA Free  |

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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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