

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Melanoma Marker (MART-1 + gp100)(DT101+ BC199 + HMB45), CF647 conjugate, 0.1mg/mL, Clone: [DT101 BC199 HMB45], Mouse, Monoclonal BOT-BNC470703-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Melanoma Marker (MART-1 + gp100)(DT101+ BC199 + HMB45), CF647 conjugate, 0.1mg/mL, Clone: [DT101 BC199 HMB45], Mouse, Monoclonal                                                                                                                              |
| Biozol Catalog Number      | BOT-BNC470703-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC470703-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC470703-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant hMART-1 protein (DT101 & BC199), Extract of pigmented melanoma metastases from lymph nodes (HMB45)                                                                                                                                                |
| Conjugation                | CF647                                                                                                                                                                                                                                                         |
| Product Description        | 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 ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [DT101 BC199 HMB45]                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Molecular Weight  | 20-22 kDa (doublet) (MART-1), 90-100 kDa (gp100)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt           | <a href="#">Q16655</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistochemistry (formalin-fixed): 0.5-1.0 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM citrate buffer pH 6.0 for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |