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## Product Datasheet

### **MART-1 / Melan-A(M2-7C10), CF405S conjugate, 0.1mg/mL, Clone: [M2-7C10], Mouse, Monoclonal BOT-BNC040009-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MART-1 / Melan-A(M2-7C10), CF405S conjugate, 0.1mg/mL, Clone: [M2-7C10], Mouse, Monoclonal                                                                                                                                                                    |
| Biozol Catalog Number      | BOT-BNC040009-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040009-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040009-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC, WB                                                                                                                                                                                                                                               |
| Species Reactivity         | Equine, Human                                                                                                                                                                                                                                                 |
| Immunogen                  | Recombinant hMART-1 protein                                                                                                                                                                                                                                   |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | This antibody recognizes a protein doublet of 20-22 kDa, identified as MART-1 (Melanoma Antigen Recognized by T cells 1) or Melan-A. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Sev... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [M2-7C10]                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 20-22 kDa (doublet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt           | <a href="#">Q16655</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Does not react with mouse or rat, others not tested Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user</p> |