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## Product Datasheet

**gp100 / Melanosome / PMEL17 / SILV (Melanoma Marker) (PMEL/2037),  
CF740 conjugate, 0.1mg/mL, Clone: [PMEL/2037], CF 740, Mouse,  
Monoclonal  
BOT-BNC742037-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | gp100 / Melanosome / PMEL17 / SILV (Melanoma Marker) (PMEL/2037), CF740 conjugate, 0.1mg/mL, Clone: [PMEL/2037], CF 740, Mouse, Monoclonal                                                                                                                    |
| Biozol Catalog Number      | BOT-BNC742037-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC742037-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC742037-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human SILV protein fragment (around aa 376-502) (exact sequence is proprietary)                                                                                                                                                                   |
| Conjugation                | CF 740                                                                                                                                                                                                                                                        |
| Product Description        | Cytotoxic T lymphocytes (CTLs) recognize melanoma-associated antigens, which belong to three main groups. These groups include tumor-associated testis-specific antigens, melanocyte differentiation antigens and mutated or aberrantly expressed antigens... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [PMEL/2037]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molecular Weight  | 90-100 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt           | <a href="#">P40967</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer            | PBS, 0.1% rBSA, 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 ELISA: 2-4 ug/m for coating order Ab without BSA Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires 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</p> |