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## Product Datasheet

### **gp100 / Melanosome / PMEL17 / SILV (Melanoma Marker) Antibody, IgG1, Clone: [SPM142], Mouse, Monoclonal NBT-6490-MSM1X-P0**

|                            |                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | gp100 / Melanosome / PMEL17 / SILV (Melanoma Marker) Antibody, IgG1, Clone: [SPM142], Mouse, Monoclonal                                                                                                                                                      |
| Biozol Catalog Number      | NBT-6490-MSM1X-P0                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 6490-MSM1X-P0                                                                                                                                                                                                                                                |
| Alternative Catalog Number | NBT-6490-MSM1X-P0-20,NBT-6490-MSM1X-P0-100                                                                                                                                                                                                                   |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                           |
| Host                       | Mouse                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                   |
| Application                | FC, IF, IHC, WB                                                                                                                                                                                                                                              |
| Species Reactivity         | Human                                                                                                                                                                                                                                                        |
| Immunogen                  | Extract of pigmented melanoma metastases from lymph nodes                                                                                                                                                                                                    |
| Product Description        | The gp100 molecule is a 100kDa glycosylated protein that is cleaved into a small (26kDa) carboxy-terminal fragment and a larger amino-terminal section (60-64 kDa), which is subsequently cleaved to generate 26kDa and 34-38kDa fragments. By immunohist... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                   |
| Clone Designation          | [SPM142]                                                                                                                                                                                                                                                     |
| Molecular Weight           | 26-100kDa                                                                                                                                                                                                                                                    |
| Isotype                    | IgG1                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">6490</a>                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">P40967</a>                                                                                                                                                                                                                                        |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                        |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Application Notes | Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Western Blot (2-4ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM |