

## PRODUCT INFORMATION

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| <b>Clone ID</b>                         | DMC420   |
| <b>Target</b>                           | PMEL   |
| <b>Synonyms</b>                         | D12S53E; gp100; ME20; ME20-M; ME20M; P1; P100; PMEL17; SI; SIL; SILV   |
| <b>Host Species</b>                     | Rabbit   |
| <b>Description</b>                      | PE-conjugated Anti-PMEL antibody(DMC420); IgG1 Chimeric mAb  |
| <b>Delivery</b>                         | 3-4 weeks  |
| <b>Uniprot ID</b>                       | P40967   |
| <b>IgG type</b>                         | Rabbit/Human Fc chimeric IgG1  |
| <b>Clonality</b>                        | Monoclonal   |
| <b>Reactivity</b>                       | Human  |
| <b>Applications</b>                     | Flow Cyt   |
| <b>Recommended Dilutions</b>            | Flow Cyt 1:100   |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography  |
| <b>Formulation &amp; Reconstitution</b> | Liquid□PBS with 0.05% Proclin300, 1% BSA   |
| <b>Storage &amp; Shipping</b>           | Store at 2°C-8°C for 6 months  |
| <b>Background</b>                       | <p>This gene encodes a melanocyte-specific type I transmembrane glycoprotein. The encoded protein is enriched in melanosomes; which are the melanin-producing organelles in melanocytes; and plays an essential role in the structural organization of premelanosomes. This protein is involved in generating internal matrix fibers that define the transition from Stage I to Stage II melanosomes. This protein undergoes a complex pattern of posttranslational processing and modification that is essential to the proper functioning of the protein. A secreted form of this protein that is released by proteolytic ectodomain shedding may be used as a melanoma-specific serum marker. Alternate splicing results in multiple transcript variants.</p> |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | PE-conjugated  |

