

PRODUCT INFORMATION

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| Clone ID | DMC420 |
| Target | PMEL |
| Synonyms | D12S53E; gp100; ME20; ME20-M; ME20M; P1; P100; PMEL17; SI; SIL; SILV |
| Host Species | Rabbit |
| Description | PE-conjugated Anti-PMEL antibody(DMC420); IgG1 Chimeric mAb |
| Delivery | 3-4 weeks |
| Uniprot ID | P40967 |
| IgG type | Rabbit/Human Fc chimeric IgG1 |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | Flow Cyt |
| Recommended Dilutions | Flow Cyt 1:100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | Liquid□PBS with 0.05% Proclin300, 1% BSA |
| Storage & Shipping | Store at 2°C-8°C for 6 months |
| Background | <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> |
| Usage | Research use only |
| Conjugate | PE-conjugated |

