

# Anti-PMEL Chimeric Recombinant Rabbit Monoclonal Antibody

## Product Information

**Product SKU:**

HDAB0264

**Size:**

100 µg

**Isotype:**

Rabbit/Human Fc chimeric IgG1

**Host:**

Rabbit

**Clonality:**

Monoclonal

**Clone:**

DMC420

**Category:**

Recombinant Antibody

**Reactivity:**

Human

**Synonyms:**

D12S53E, gp100, ME20, ME20-M, ME20M, P1, P100, PMEL17, SI, SIL, SILV

**Formulation:**

Powder

**Purification Method:**

Purified from cell culture supernatant by affinity chromatography

**Buffer:**

1XPBS

**Storage and Stability:**

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

**Applications**

Flow Cyt

**Recommended Dilutions:**

Flow Cyt 1:100

**Background:**

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.

**Research Use Only:**

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