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## 12-9414: Anti-PMEL antibody(DMC420); IgG1 Chimeric mAb

Clonality: Monoclonal Clone Name: DMC420 Application: **FACS** Reactivity: Human P40967 Uniprot ID:

Alternative Name: D12S53E; gp100; ME20; ME20-M; ME20M; P1; P100; PMEL17; SI; SIL; SILV

Isotype: Rabbit/Human Fc chimeric IgG1

## **Description**

Description :Anti-PMEL antibody(DMC420); IgG1 Chimeric mAb

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 prosttranslational 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.

#### **Product Info**

Amount:  $10 \mu g / 100 \mu g$ 

**Purification:** Purified from cell culture supernatant by affinity chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Content:

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for Storage condition:

use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized

proteins are shipped at ambient temperature.

# **Application Note**

### FACS 1:100

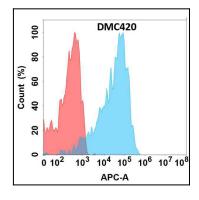


Figure 1. Flow cytometry analysis with Anti-PMEL (DMC420) on Expi293 cells transfected with human PMEL (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).