Datasheet for ABIN7490666

anti-Melanoma gp100 antibody

1 Image

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Overview

Quantity:	100 µg
Target:	Melanoma gp100 (PMEL)
Reactivity:	Human
Host:	Rabbit
Clonality:	Chimeric
Application:	Flow Cytometry (FACS)

Product Details

Isotype:	IgG1
Fragment:	Fc fragment
Characteristics:	Rabbit/Human Fc chimeric IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	Melanoma gp100 (PMEL)
Alternative Name:	PMEL (PMEL Products)
Background:	D12S53E, gp100, ME20, ME20-M, ME20M, P1, P100, PMEL17, SI, SIL, SILV, Description: 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

Target Details

	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.
UniProt:	P40967

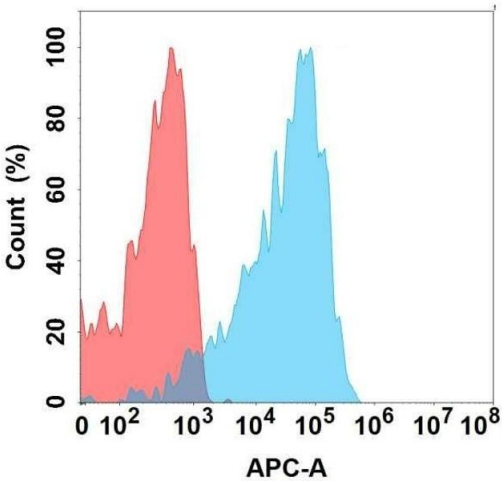
Application Details

Application Notes:	Flow Cyt 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	-20 °C,-80 °C
Storage Comment:	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 proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



Flow Cytometry

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