

Datasheet for ABIN7193921
anti-Melanoma gp100 antibody (AA 25-192)



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Overview

Quantity:	100 µL
Target:	Melanoma gp100 (PMEL)
Binding Specificity:	AA 25-192
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Melanoma gp100 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

Product Details

Purpose:	PMEL Antibody
Immunogen:	Purified recombinant fragment of human PMEL (AA: 25-192) expressed in E. Coli.
Clone:	5C6G8
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	Melanoma gp100 (PMEL)
Alternative Name:	PMEL (PMEL Products)
Background:	This gene encodes a melanocyte-specific type I transmembrane glycoprotein. The encoded

Target Details

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.

Molecular Weight:	70.2 kDa
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UniProt:	P40967
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Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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