

Rabbit PMEL Polyclonal Antibody | anti-PMEL antibody

PMEL Polyclonal Antibody

CATALOG # AAA179412	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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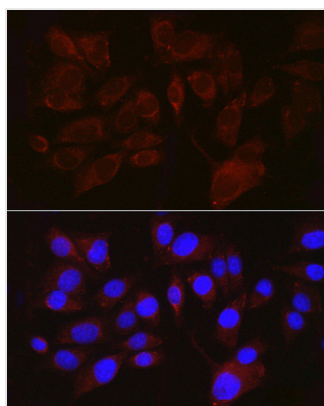
PRODUCT SYNONYMS

PMEL; Polyclonal Antibody; PMEL Polyclonal Antibody; D12S53E; ME20; ME20-M; ME20M; P1; P100; PMEL17; SI; SIL; SILV; gp100; anti-PMEL antibody

PRODUCT SPECIFICATIONS

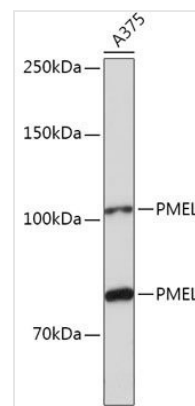
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PMEL antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PMEL
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A375 cells using PMEL Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of A375 cells using PMEL Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PMEL antibody	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.
Product Categories/Family for anti-PMEL antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507099
NCBI GeneID	6490
UniProt Accession #	P40967; Q12763; Q14448; Q14817; Q16565; B3KS57; B7Z6D7
Molecular Weight	70,255 Da
NCBI Official Full Name	Melanocyte protein PMEL
NCBI Official Synonym Full Names	premelanosome protein
NCBI Official Symbol	PMEL
NCBI Official Synonym Symbols	P1; SI; SIL; ME20; P100; SILV; ME20M; gp100; ME20-M; PMEL17; D12S53E
NCBI Protein Information	melanocyte protein PMEL; melanocyte protein mel 17; silver, mouse, homolog of; melanocyte protein Pmel 17; melanosomal matrix protein17; silver locus protein homolog; melanoma-associated ME20 antigen; melanocytes lineage-specific antigen GP100
UniProt Protein Name	Melanocyte protein PMEL
UniProt Gene Name	PMEL
UniProt Synonym Gene Names	D12S53E; PMEL17; SILV; ME20M; ME20-S; ME20S
UniProt Entry Name	PMEL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pmel-antibody-immunofluorescence-western-blot-elisa/179412>