

Mouse gp100/Melanosome/PMEL17/SILV Monoclonal Antibody | anti-SILV antibody

gp100/Melanosome/PMEL17/SILV (Melanoma Marker) Recombinant Mouse Monoclonal Antibody [Clone rPMEL17/6821]

CATALOG # AAA215920	HOST Mouse	REACTIVITY HumanDoes not react with dog and Rat	APPLICATIONS Immunohistochemistry
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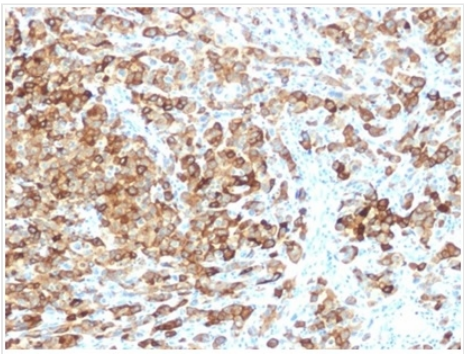
PRODUCT SYNONYMS

gp100/Melanosome/PMEL17/SILV; Monoclonal Antibody; gp100/Melanosome/PMEL17/SILV (Melanoma Marker) Recombinant Mouse Monoclonal Antibody [Clone rPMEL17/6821]; gp100/Melanosome/PMEL17/SILV (Melanoma Marker); 95kDa melanocyte-specific secreted glycoprotein; M-beta; Melanocyte lineage specific antigen GP100; Melanocyte protein Pmel 17; Melanosomal matrix protein17; p100; p26; SILV; Silver homolog; anti-SILV antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Does not react with dog and Rat
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	rPMEL17/6821
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SILV antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant full-length human gp100 protein
Cellular Localization	Cytoplasm
Positive Control	COLO-38 or SK-MEL-28 cells. Human melanoma.
Hu-chromosome Location	12q13.2
Unigene	95972
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human melanoma stained with gp100 Rabbit Recombinant Monoclonal Antibody (rPMEL17/6821).

ADDITIONAL INFORMATION

Related Product Information for anti-SILV antibody	The gp100 molecule is a 100kDa glycosylated protein that is cleaved into a small (26kDa) carboxy-terminal fragment and a larger amino- terminal section (60 64 kDa), which is subsequently cleaved to generate 26kDa and 34 38kDa fragments. By immunohistochemistry, it specifically recognizes a protein in melanocytes and melanomas. This MAb reacts with junctional and blue nevus cells and variably with fetal and neonatal melanocytes. Intradermal nevi, normal adult melanocytes, and non-melanocytic cells are negative. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin. Metastatic amelanotic melanoma can often be confused with a variety of poorly differentiated carcinomas, large cell lymphomas, and sarcomas using H & E stains alone. It is also difficult to differentiate melanoma from spindle cell carcinomas and various types of mesenchymal neoplasms. This MAb stains fetal and neonatal melanocytes, junctional and blue nevus cells, and malignant melanoma. This MAb also stains Angiomyolipoma (PEComa).
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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.