

Product Datasheet

PMEL17/SILV Antibody (PMEL/1825R) NBP2-53180-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53180-100ug

PMEL17/SILV Antibody (PMEL/1825R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PMEL/1825R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54454) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Rabbit
Gene ID	6490
Gene Symbol	PMEL
Species	Human
Reactivity Notes	Does not react with Canine and Rat
Marker	Melanoma Marker
Specificity/Sensitivity	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 monoclonal antibody 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 monoclonal antibody stains fetal and neonatal melanocytes, junctional and blue nevus cells, and malignant melanoma. This monoclonal antibody also stains Angiomyolipoma (PEComa).
Immunogen	Recombinant full-length human PMEL17/SILV protein (Uniprot: P40967)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml

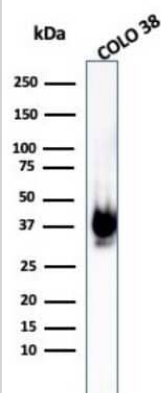


Application Notes

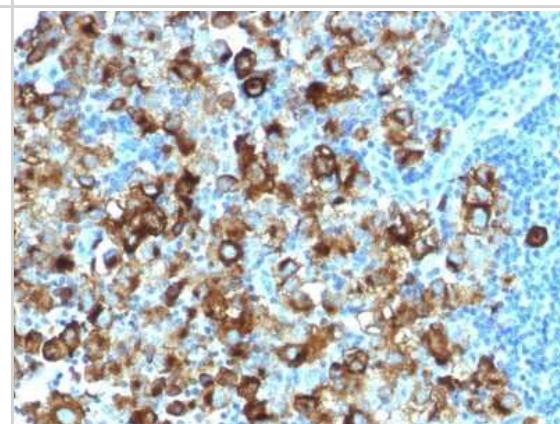
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Western Blot: PMEL17/SILV Antibody (PMEL/1825R) [NBP2-53180] - Western Blot Analysis of COLO-38 cell lysate using PMEL17/SILV Rabbit Recombinant Monoclonal Antibody (PMEL/1825R).



Immunohistochemistry-Paraffin: PMEL17/SILV Antibody (PMEL/1825R) [NBP2-53180] - Formalin-fixed, paraffin-embedded human Melanoma stained with gp100 Recombinant Rabbit Monoclonal Antibody (PMEL/1825R).





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Products Related to NBP2-53180-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38185PEP	PMEL17/SILV Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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