Product Datasheet

PMEL17/SILV Antibody (PMEL/1825R) [Alexa Fluor® 594] NBP2-54454AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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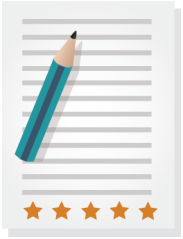

NBP2-54454AF594

PMEL17/SILV Antibody (PMEL/1825R) [Alexa Fluor® 594]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	PMEL/1825R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
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)

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Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Products Related to NBP2-54454AF594

IC1051T	Rabbit IgG Isotype Control (60024B) [Alexa Fluor® 594]
NBP2-38185PEP	PMEL17/SILV Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBL1-15968	PMEL17/SILV Overexpression Lysate

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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