

Product Datasheet

PMEL17/SILV Antibody (HMB45) [Alexa Fluor® 532] NBP2-44520AF532

Unit Size: 1 mg

Store at 4C in the dark.

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NBP2-44520AF532

PMEL17/SILV Antibody (HMB45) [Alexa Fluor® 532]

Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HMB45
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 532
Purity	Protein A or G purified
Buffer	50 mM Sodium borate
Product Description	
Host	Mouse
Gene ID	6490
Gene Symbol	PMEL
Species	Human, Canine (Negative), Rat (Negative)
Marker	Melanoma Marker
Specificity/Sensitivity	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).
Immunogen	Extract of pigmented melanoma metastases from lymph nodes
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 0.5 - 1 ug/ml, Immunoprecipitation 0.5 - 1 ug/500 ug lysate, Immunohistochemistry-Paraffin 0.5 - 1 ug/ml, Immunohistochemistry-Frozen 0.5 - 1 ug/ml, CyTOF-ready



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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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