

Product Datasheet

PMEL17/SILV Antibody NB100-41098

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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technical@novusbio.com

Publications: 4

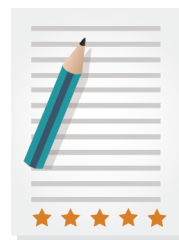
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NB100-41098

PMEL17/SILV Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	6490
Gene Symbol	PMEL
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24572365).
Marker	Melanosome Marker
Immunogen	Peptide with sequence CPIGENSPLLSGQQ corresponding to C-Terminus according to NP_008859.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 26 kDa band observed in human skin lysates, corresponding to the M-beta fragment of the precursor protein, reported in scientific literature (PMID: 23389629). Calculated MW of 70.3 kDa band according to NP_008859.1

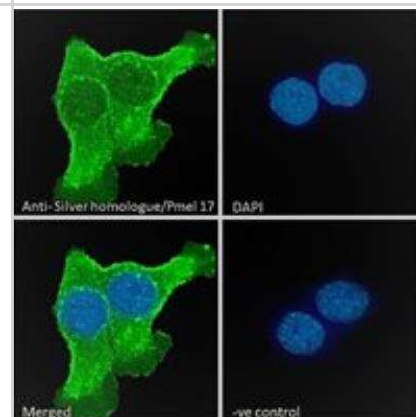


Images

Western Blot: PMEL17/SILV Antibody [NB100-41098] - Staining of Mouse Skin lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: PMEL17/SILV Antibody [NB100-41098] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Publications

Glodde N, Kraut A, van den Boorn-Konijnenberg D Experimental and stochastic models of melanoma T-cell therapy define impact of subclone fitness on selection of antigen loss variants bioRxiv (WB, Mouse)

Glodde N, Bald T, van den Boorn-Konijnenberg D et al. Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy. Immunity. 2017-10-17 [PMID: 29045907] (Mouse)

Fowler DM, Koulov AV, Alory-Jost C et al. Functional amyloid formation within mammalian tissue. PLoS Biol 2006-01-01 [PMID: 16300414]

Bald T, Quast T, Landsberg J et al. Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. Nature 2014-03-06 [PMID: 24572365] (WB, Mouse)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-41098

NBL1-15968	PMEL17/SILV Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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