

Product Datasheet

PMEL17/SILV Antibody - BSA Free NBP1-69571

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-69571

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-69571



NBP1-69571

PMEL17/SILV Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	70 kDa

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	6490
Gene Symbol	PMEL
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 26511633).
Marker	Melanosome Marker
Immunogen	Synthetic peptides corresponding to SILV(silver homolog (mouse)) The peptide sequence was selected from the N terminal of human PMEL (NP_008859). Peptide sequence HFLRNQPLTFALQLHDPSTGYLAELADLSYTWDFGDSSGTLISRALVVTHY. The peptide sequence for this immunogen was taken from within the described region.

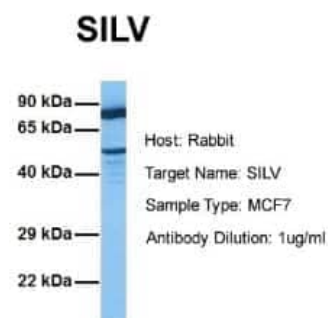
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1.25 ug/ml

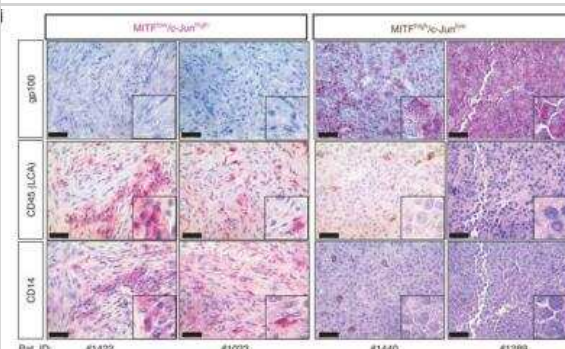


Images

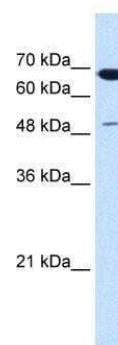
Western Blot: PMEL17/SILV Antibody [NBP1-69571] - Sample Tissue:
Human MCF7 Antibody Dilution: 1.0 ug/ml



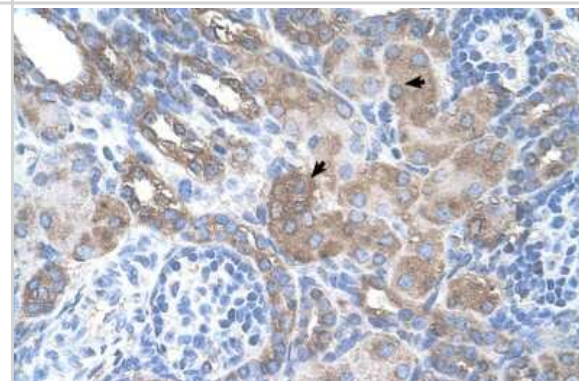
Immunohistochemistry: PMEL17/SILV Antibody [NBP1-69571] - The inflammatory MITFlow/c-Jun^{high} cell state correlates with increased myeloid cell infiltration in human melanomas. Immunohistochemical analysis for gp100, CD45 and CD14 in representative cases from the Lund melanoma cohort. Small panels show zoom-in views, for example, to visualize morphology of CD45⁺/CD14⁺ tumour-infiltrating immune cells. Scale bars, 50 μ m. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/ncomms9755>) licensed under a CC-BY license.



Western Blot: PMEL17/SILV Antibody [NBP1-69571] - This Anti-SILV antibody was used in Western Blot of HepG2 tissue lysate at a concentration of 1.25ug/ml.



Immunohistochemistry: PMEL17/SILV Antibody [NBP1-69571] - Human kidney



Publications

Ruotsalainen J, Lopez-Ramos D, Rogava M et al. The myeloid cell type I IFN system promotes antitumor immunity over pro-tumoral inflammation in cancer T-cell therapy Clinical & translational immunology 2021-04-29 [PMID: 33968406] (WB, IHC-P, Mouse)

Braun AD, Mengoni M, Bonifatius S et al. Activated Hgf-Met signaling cooperates with oncogenic Braf to drive primary cutaneous melanomas and angiotropic lung metastases in mice J. Invest. Dermatol. 2020-01-20 [PMID: 31972251] (WB)

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 (IF/IHC, Mouse)

Forsthuber A, Lipp K, Andersen L et al. CXCL5 as Regulator of Neutrophil Function in Cutaneous Melanoma J. Invest. Dermatol. 2019-01-01 [PMID: 30009831] (IF/IHC, Mouse)

Riesenberg S, Groetchen A, Siddaway R et al. MITF and c-Jun antagonism interconnects melanoma dedifferentiation with pro-inflammatory cytokine responsiveness and myeloid cell recruitment. Nat Commun 2015-11-04 [PMID: 26530832] (IHC-P, Mouse)

Holzel M, Landsberg J, Glodde N et al. A preclinical model of malignant peripheral nerve sheath tumor-like melanoma is characterized by infiltrating mast cells. Cancer Res. 2015-10-28 [PMID: 26511633] (IHC-P, Mouse, Human)

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

Theos AC, Truschel ST, Tenza D et al. A lumenal domain-dependent pathway for sorting to intraluminal vesicles of multivesicular endosomes involved in organelle morphogenesis. Dev Cell. 2006-01-01 [PMID: 16516837]





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 NBP1-69571

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-69571

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

