

SILV Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13753c

Product Information

Application	WB, E
Primary Accession	P40967
Other Accession	NP_008859.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33755
Antigen Region	412-440

Additional Information

Other Names	Melanocyte protein PMEL, ME20-M, ME20M, Melanocyte protein Pmel 17, Melanocytes lineage-specific antigen GP100, Melanoma-associated ME20 antigen, P1, P100, Premelanosome protein, Silver locus protein homolog, M-alpha, 95 kDa melanocyte-specific secreted glycoprotein, P26, Secreted melanoma-associated ME20 antigen, ME20-S, ME20S, M-beta, PMEL, D12S53E, PMEL17, SILV
Target/Specificity	This SILV antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 412-440 amino acids from the Central region of human SILV.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SILV Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

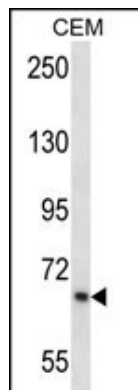
SILV plays a central role in the biogenesis of melanosomes. Involved in the maturation of melanosomes

from stage I to II. The transition from stage I melanosomes to stage II melanosomes involves an elongation of the vesicle, and the appearance within of distinct fibrillar structures. Release of the soluble form, ME20-S, could protect tumor cells from antibody mediated immunity.

References

- Leonhardt, R.M., et al. J. Biol. Chem. 285(21):16166-16183(2010)
Hoashi, T., et al. FASEB J. 24(3):916-930(2010)
Watt, B., et al. J. Biol. Chem. 284(51):35543-35555(2009)
McGlinchey, R.P., et al. Proc. Natl. Acad. Sci. U.S.A. 106(33):13731-13736(2009)
Kummer, M.P., et al. J. Biol. Chem. 284(4):2296-2306(2009)

Images



SILV Antibody (Center) (Cat. #AP13753c) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the SILV antibody detected the SILV protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.