

Rabbit SILV Polyclonal Antibody | anti-PMEL antibody

SILV antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199750	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

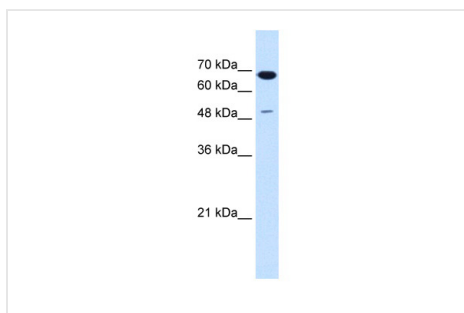
PRODUCT SYNONYMS

SILV; Polyclonal Antibody; SILV antibody - N-terminal region; anti-PMEL antibody

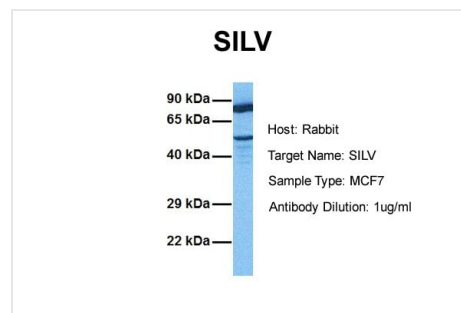
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HF LRNQPLTFAL QLHDPGYLA EADLSYTWDF GDSSGTLISR ALVVHTY
Sequence Length	661
Applicable Applications for anti-PMEL antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 86%; Goat: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SILV
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

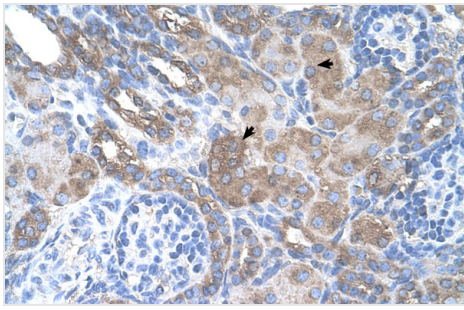
IMAGES


WB (Western Blot)

WB Suggested Anti-SILV Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit Target Name: SILV Sample Tissue: Human MCF7 Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-PMEL antibody	This is a rabbit polyclonal antibody against SILV. It was validated on Western Blot and immunohistochemistry Target Description: SILV could be a melanogenic enzyme. It could represent an oncofetal self-antigen that is normally expressed at low levels in quiescent adult melanocytes but overexpressed by proliferating neonatal melanocytes and during tumor growth. Release of the soluble form, ME20-S, it could protect tumor cells from antibody mediated immunity.
Product Categories/Family for anti-PMEL antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902084
NCBI GeneID	6490
NCBI Accession #	NP_008859
NCBI GenBank Nucleotide #	NM_006928
UniProt Accession #	P40967
Molecular Weight	70kDa
NCBI Official Full Name	melanocyte protein PMEL isoform 3 preproprotein
NCBI Official Synonym Full Names	premelanosome protein
NCBI Official Symbol	PMEL
NCBI Official Synonym Symbols	P1; SI; SIL; ME20; P100; SILV; ME20M; gp100; ME20-M; PMEL17; D12S53E
NCBI Protein Information	melanocyte protein PMEL
UniProt Protein Name	Melanocyte protein PMEL
UniProt Gene Name	PMEL
UniProt Synonym Gene Names	D12S53E; PMEL17; SILV; ME20M; ME20-S; ME20S
UniProt Entry Name	PMEL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.