

Datasheet for ABIN630469
anti-Melanoma gp100 antibody



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3 Images

Overview

Quantity:	100 µg
Target:	Melanoma gp100 (PMEL)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melanoma gp100 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	SILV antibody was raised using a synthetic peptide corresponding to a region with amino acids HFLRNQPLTFALQLHDPSTGYLAEADLSYTWDFGDSSGTLISRALVVTHTY
Purification:	Purified

Target Details

Target:	Melanoma gp100 (PMEL)
Alternative Name:	SILV (PMEL Products)
Background:	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.
Molecular Weight:	70 kDa (MW of target protein)

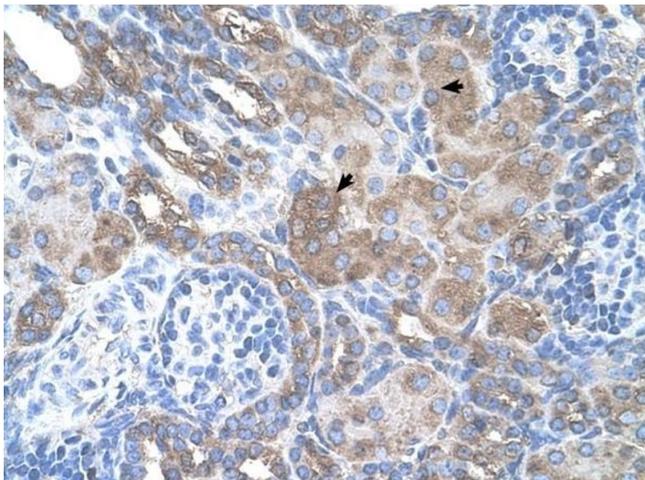
Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SILV Blocking Peptide, catalog no. 33R-3727, is also available for use as a blocking control in assays to test for specificity of this SILV antibody
Restrictions:	For Research Use only

Handling

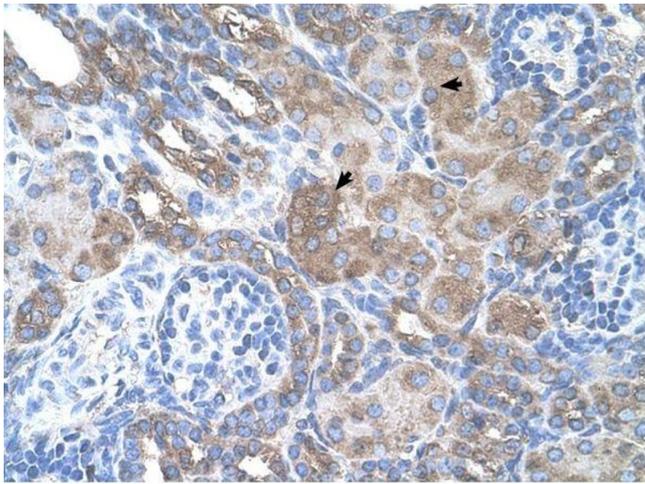
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SILV antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



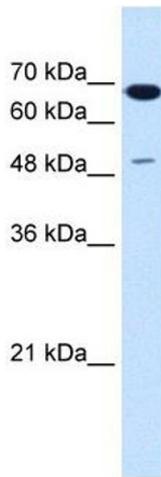
Immunohistochemistry

Image 1. SILV antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Immunohistochemistry

Image 2. SILV antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



Western Blotting

Image 3. SILV antibody used at 1.25 ug/ml to detect target protein.