Melanoma gp100 antibody [PMEL/2037]

Cat. No. GTX17772

		Package
Host	Mouse	100 µg
Clonality	Monoclonal	
Isotype	IgG1	
Application	IHC-P, ELISA, Protein Array	
Reactivity	Human	

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	1-2µg/ml for 30 minutes at RT
ELISA	2-4µg/ml (for coating)
Protein Array	Assay dependent

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95ºC followed by cooling at RT for 20 minutes.
For ELISA coating, recommend using BSA-free format (please contact us for PBS only format).

Not tested in other applications.

Calculated MW	70 kDa. (Note)

PROPERTIES

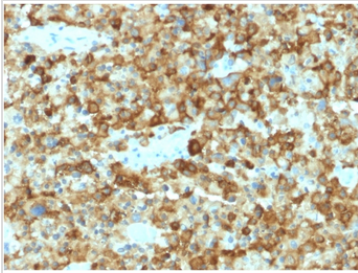|	
Form	Liquid
Buffer	10mM PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A recombinant fragment (around aa 376-502) of human SILV protein (exact sequence is proprietary)
Purification	Protein A/G purified
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.
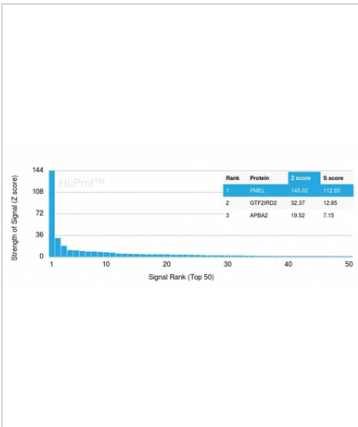
![GeneTex logo] **Datasheet**

Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
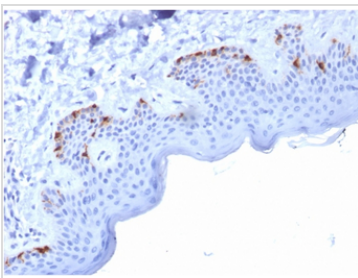
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX17772 IHC-P Image

IHC-P analysis of human melanoma tissue using GTX17772 Melanoma gp100 antibody [PMEL/2037].

GTX17772 Protein Array Image

Analysis of Protein Array containing more than 19,000 full-length human proteins using PMEL/gp100 Mouse Monoclonal Antibody (PMEL/2037). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.

GTX17772 IHC-P Image

IHC-P analysis of human skin tissue using GTX17772 Melanoma gp100 antibody [PMEL/2037].

For full product information, images and publications, please visit our website.

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