Immunotag™ PMEL17 / GP100 Antibody

Antibody Specification

Catalog No.	ITA3847
Product Description	Immunotag™ PMEL17 / GP100 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PMEL17 / GP100
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PMEL17 / GP100
Specificity	PMEL17 / GP100 Antibody detects endogenous levels of total PMEL17 / GP100
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PMEL
Accession No.	P40967

Antibody Specification

Alternate Names	95 kDa melanocyte specific secreted glycoprotein; 95 kDa melanocyte-specific secreted glycoprotein; D12S53E; gp100; M-beta; ME20; ME20 M/ME20 S; ME20-M; ME20-S; ME20M; ME20M/ME20S; ME20S; Melanocyte lineage specific antigen GP100; Melanocyte protein mel 17; Melanocyte protein Pmel 17; Melanocyte protein Pmel 17 precursor; Melanocytes lineage-specific antigen GP100; Melanoma associated ME20 antigen; Melanoma gp100; Melanoma-associated ME20 antigen; Melanosomal matrix protein 17; Melanosomal matrix protein17; P1; p100; p26; PMEL 17; PMEL; PMEL_HUMAN; PMEL17; Premelanosome protein; Secreted melanoma-associated ME20 antigen; SI; SIL; SILV; Silver (mouse homolog) like; Silver homolog; Silver locus protein homolog; Silver, mouse, homolog of;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	100kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.