



Rabbit Anti-Human PMEL Monoclonal Antibody, clone CQ7142 (CABT-Z204R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to PMEL 17 residues within aa561-661 of PMEL 17 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7142
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	70 kDa
Cellular Localization	Cytoplasm
Positive Control	Melanoma
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	PMEL 17 is a melanosome specific antigen, also is designed as HMB45 or gp100. It 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.
Keywords	PMEL; premelanosome protein; P1; SI; SIL; ME20; P100; SILV; ME20M; gp100

GENE INFORMATION

Gene Name	PMEL
Entrez Gene ID	6490
UniProt ID	P40967