



# 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

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

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

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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	PMEL; premelansome protein; P1; SI; SIL; ME20; P100; SILV; ME20M; gp100

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## GENE INFORMATION

<b>Gene Name</b>	PMEL
<b>Entrez Gene ID</b>	<a href="#">6490</a>
<b>UniProt ID</b>	<a href="#">P40967</a>

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