

## DATASHEET

# PMEL 17 Rabbit Monoclonal Antibody(ARA764)

CAT. NO. ARA6551

### KEY FEATURES

Target	PMEL 17	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	IHC	Conjugation	Unconjugated
Storage	at-20°C		

### BACKGROUND

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.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100-1:200
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

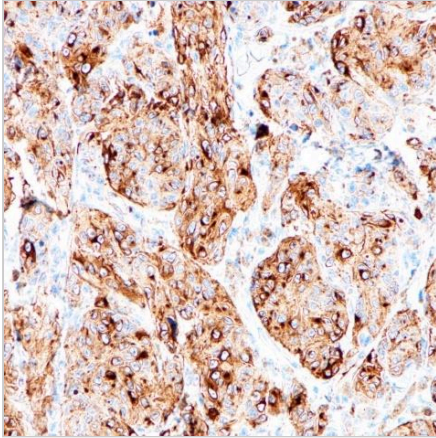
Description	Rabbit Monoclonal Antibody to PMEL 17
Antibody Type	Primary antibody
Predicted MW	70kDa
Immunogen	A synthetic peptide corresponding to residues on the C-terminus of human PMEL 17 was used as an immunogen.
Purification	ProA affinity purified IgG
Form / Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.39%.
Alternative Names	D12S53E; PMEL17; SILV; Melanocyte protein PMEL; ME20-M; ME20M; Melanocyte protein Pmel 17; Melanocytes lineage-specific antigen GP100; Melanoma-associated ME20 antigen; P1; P100; Premelanosome protein; Silver locus protein homolog
Gene Symbol	PMEL
Entrez Gene	6490(Human)
Swissprot ID	P40967

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human Melanoma tissue labelling PMEL 17 with ARA764 at 1:200. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com](http://www.arexbio.com)