

MelanA Rabbit mAb
Catalog # AP77487**Specification**

MelanA Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	Q16655
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	13157

MelanA Rabbit mAb - Additional Information**Gene ID** 2315**Other Names**
MLANA**Dilution**
WB~~1/500-1/1000
IHC~~1/50-1/100**Format**
Liquid**MelanA Rabbit mAb - Protein Information****Name** MLANA**Synonyms** MART1**Function**
Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.**Cellular Location**
Endoplasmic reticulum membrane; Single-pass type III membrane protein. Golgi apparatus. Golgi apparatus, trans-Golgi network membrane. Melanosome. Note=Also found in small vesicles and tubules dispersed over the entire cytoplasm. A small fraction of the protein is inserted into the membrane in an inverted orientation Inversion of membrane topology results in the relocalization of the protein from a predominant Golgi/post-Golgi area to the endoplasmic reticulum. Melanoma cells expressing the protein with an inverted membrane topology are more effectively recognized by specific cytolytic T-lymphocytes than those expressing the protein in its native membrane orientation**Tissue Location**

Expression is restricted to melanoma and melanocyte cell lines and retina

MelanA Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MelanA Rabbit mAb - Images

