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Anti-MLANA / Melan-A Antibody (clone A103)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18240

Specification

Anti-MLANA / Melan-A Antibody (clone A103) - Product Information

Application	**WB, IHC-P, IF, Flo**
Primary Accession	Q16655
Predicted	**Human, Mouse, Rat, Dog**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**13157**

Anti-MLANA / Melan-A Antibody (clone A103) - Additional Information

Gene ID 2315

Alias Symbol	**MLANA**

Other Names
MLANA, Antigen LB39-AA, Antigen SK29-AA, Melan-A, Protein Melan-A, MART-1, MART1

Target/Specificity
Human MLANA / Melan-A

Reconstitution & Storage
Protein G purified

Precautions
Anti-MLANA / Melan-A Antibody (clone A103) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MLANA / Melan-A Antibody (clone A103) - 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

Anti-MLANA / Melan-A Antibody (clone A103) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MLANA / Melan-A Antibody (clone A103) - Images