

Mouse Monoclonal Antibody to MLANA

Catalogue Number	sAP-1031
Target Molecule	<p>Name: MLANA</p> <p>Aliases: MART1; MART-1</p> <p>MW: 13.2kDa</p> <p>Entrez Gene ID: 2315</p>
Description	MLANA (melan-A) is a protein-coding gene. Diseases associated with MLANA include meningeal melanocytoma, and juvenile xanthogranuloma. 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
Immunogen	Purified recombinant fragment of human MLANA (AA: 48-118) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2F3B7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Med Rep. 2011 Sep-Oct;4(5):799-803.; 2. J Cutan Pathol. 2011 Dec;38(12):954-60.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**