

Mouse Monoclonal Antibody to MLANA

Catalogue Number sAP-1031

Target Molecule **Name:** MLANA

Aliases: MART1; MART-1

MW: 13.2kDa

Entrez Gene ID: 2315

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.

Recitative 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 H2O, 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**