

Product datasheet

Melanophilin overexpression 293T lysate (whole cell) ab94249

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Overview

Product name	Melanophilin overexpression 293T lysate (whole cell)
General notes	ab94249 is a 293T cell transfected lysate in which Human Melanophilin has been transiently overexpressed using a pCMV-Melanophilin plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

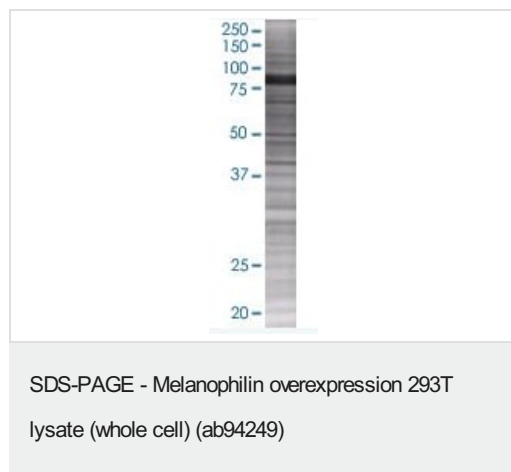
Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Rab effector protein involved in melanosome transport. Serves as link between melanosome-bound RAB27A and the motor protein MYO5A. Disease: Defects in MLPH are a cause of Griscelli syndrome type 3 (GS3) [MIM:609227]. GS3 is a rare autosomal recessive disorder characterized by pigmentary dilution of the skin and hair, the presence of large clumps of pigment in hair shafts, and an accumulation of melanosomes in melanocytes, without other clinical manifestations. Similarity: Contains 1 FYVE-type zinc finger. Contains 1 RabBD (Rab-binding) domain.

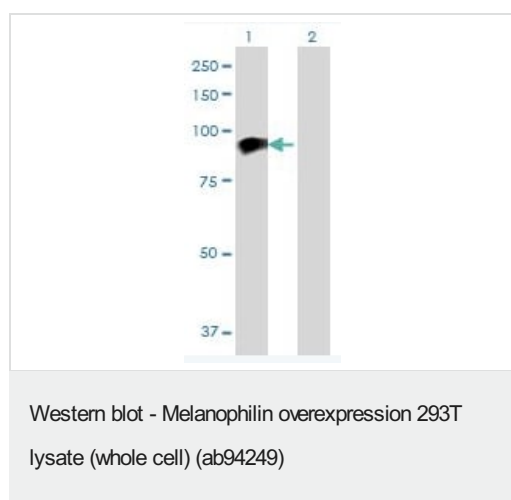
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94249 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.



ab94249 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-Melanophilin antibody (**ab89169**) at 1/500 dilution

Lane 1 : Melanophilin overexpression 293T lysate (whole cell) (ab94249)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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