

Product datasheet

Anti-TRP1 antibody [TA99] ab18084

概述

产品名称	Anti-TRP1抗体[TA99]
描述	小鼠单克隆抗体[TA99] to TRP1
宿主	Mouse
特异性	Specific for melanomas and does not react with carcinomas and sarcomas. The clone number has been updated from (3F388) to (TA99) both clone numbers name the same antibody clone.
经测试应用	适用于: WB, IHC-Fr
种属反应性	与反应: Human
免疫原	SK-MEL-23 Melanoma cell line.
阳性对照	SK-MEL-23, A375 cells. Melanoma, Skin.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: PBS, pH 7.4
纯度	Protein A purified
克隆	单克隆
克隆编号	TA99
同种型	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab18084** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 75 kDa.

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.

靶标

功能	Oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid. May regulate or influence the type of melanin synthesized.
组织特异性	Pigment cells.
通路	Pigment biosynthesis; melanin biosynthesis.
疾病相关	Defects in TYRP1 are the cause of albinism oculocutaneous type 3 (OCA3) [MIM:203290]; also known as Rufous oculocutaneous albinism. An autosomal recessive disorder in which the biosynthesis of melanin pigment is reduced in skin, hair, and eyes. Tyrosinase activity is normal and patients have only moderate reduction of pigment. The eyes present red reflex on transillumination of the iris, dilution of color of iris, nystagmus and strabismus. Darker-skinned individuals have bright copper-red coloration of the skin and hair.
序列相似性	Belongs to the tyrosinase family.
细胞定位	Melanosome membrane.

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