abcam

Product datasheet

Anti-MiTF antibody [MITF/2987R] ab270262

リコンビナント

1 References　画像数 3

製品の概要

製品名	Anti-MiTF antibody [MITF/2987R]
製品の詳細	Rabbit monoclonal [MITF/2987R] to MiTF
由来種	Rabbit
アプリケーション	**適用あり:** IHC-P
種交差性	**交差種:** Human **交差が予測される動物種:** Dog　**非交差種:** Mouse, Rat
免疫原	Recombinant full length protein corresponding to Human MiTF. Database link: **O75030**
ポジティブ・コントロール	IHC-P: Human melanoma tissue.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
精製度	Protein A/G purified
特記事項（精製）	Purified from Bioreactor Concentrate by Protein A/G.
ポリ/モノ	モノクローナル
クローン名	MITF/2987R
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee	**Abpromise保証は、** 次のテスト済みアプリケーションにおけるab270262の使用に適用されます

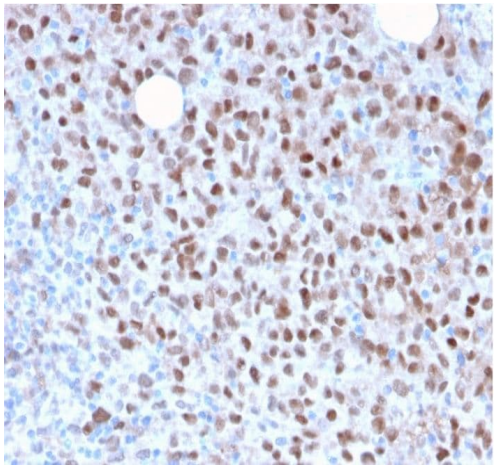
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ターゲット情報

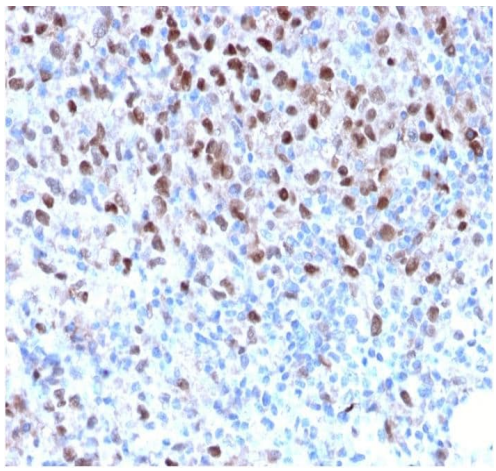
機能	Transcription factor for tyrosinase and tyrosinase-related protein 1. Binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') found in the tyrosinase promoter. Plays a critical role in the differentiation of various cell types as neural crest-derived melanocytes, mast cells, osteoclasts and optic cup-derived retinal pigment epithelium.
組織特異性	Isoform M is exclusively expressed in melanocytes and melanoma cells. Isoform A and isoform H are widely expressed in many cell types including melanocytes and retinal pigment epithelium (RPE). Isoform C is expressed in many cell types including RPE but not in melanocyte-lineage cells.
関連疾患	Defects in MITF are the cause of Waardenburg syndrome type 2A (WS2A) [MIM:193510]. It is a dominant inherited disorder characterized by sensorineural hearing loss and patches of depigmentation. The features show variable expression and penetrance. Defects in MITF are a cause of Waardenburg syndrome type 2 with ocular albinism (WS2-OA) [MIM:103470]. It is an ocular albinism with sensorineural deafness. Defects in MITF are the cause of Tietz syndrome (TIETZS) [MIM:103500]. It is an autosomal dominant disorder characterized by generalized hypopigmentation and profound, congenital, bilateral deafness. Penetrance is complete.
配列類似性	Belongs to the MiT/TFE family. Contains 1 basic helix-loop-helix (bHLH) domain.
翻訳後修飾	Phosphorylation at Ser-405 significantly enhances the ability to bind the tyrosinase promoter.
細胞内局在	Nucleus.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MiTF antibody [MITF/2987R] (ab270262)

Formalin-fixed, paraffin-embedded human melanoma stained for MiTF using ab270262 at 2 µg/ml in imunnohistochemical analysis.



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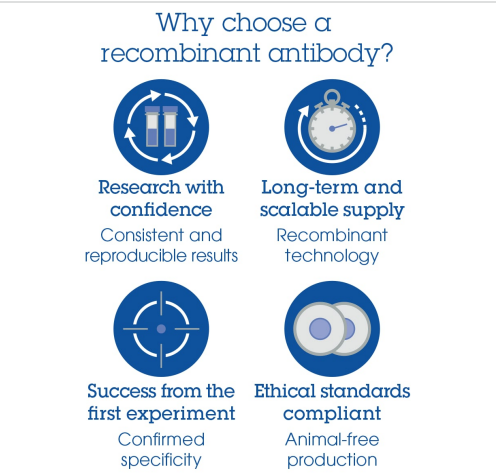

Anti-MiTF antibody [MITF/2987R] (ab270262)

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