A Reliable Research Partner in Life Science and Medicine

Recombinant MiTF Monoclonal Antibody

catalog number: AN301081L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human MiTF protein

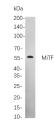
HostRabbitIsotype IgG,κ CloneB836PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

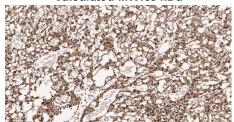
IHC 1:200-500 **WB** 1:1000-5000

Data



Western Blot with Recombinant MiTF Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A375 cells.

Observed-MW:58 kDa Calculated-MW:58 kDa



Immunohistochemistry of paraffin-embedded mouse placenta tissue using Recombinant MiTF Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human melanoma tissue using Recombinant MiTF Monoclonal Antibody at dilution of 1:200.

Rev. V1.1

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

This gene encodes a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. It regulates the differentiation and development of melanocytes retinal pigment epithelium and is also responsible for pigment cell-specific transcription of the melanogenesis enzyme genes. Heterozygous mutations in the this gene cause auditory-pigmentary syndromes, such as Waardenburg syndrome type 2 and Tietz syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified.

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