

## MITF monoclonal antibody

Catalog: MB22227

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

58.8kDa

### Swiss-Prot:

O75030

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

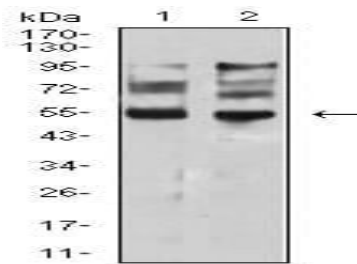
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

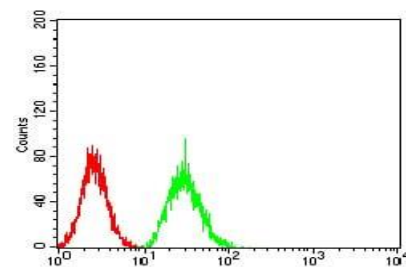
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using MITF mouse mAb against PANC-1 (1) and A549 (2) cell lysate.



Flow cytometric analysis of HeLa cells using MITF mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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