

MITF antibody

Cat. No. GTX00738

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, ChIP assay
Reactivity	Human, Mouse, Chicken, Xenopus

Reference (1)

Package

100 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:3000
ICC/IF	Assay dependent
IHC-P	1:300-1:1000
IHC-Fr	1:300-1:1000
ChIP assay	1:200

Not tested in other applications.

Calculated MW 59 kDa. ([Note](#))

Product Note This antibody recognizes Mitf-M, Mitf-A, Mitf-C, Mitf-H and other Mitf isoforms.

PROPERTIES

Form	Liquid
Buffer	Serum
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	Recombinant full-size human Mitf (isoform M) protein with His tag
Purification	Unpurified
Conjugation	Unconjugated



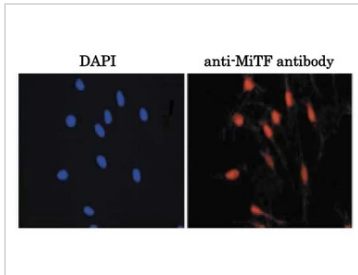
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Note

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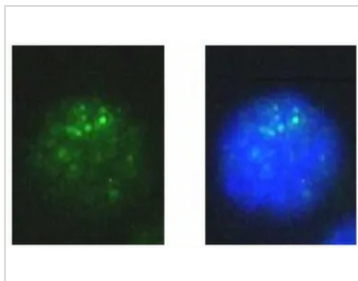
DATA IMAGES



GTX00738 ICC/IF Image

ICC/IF analysis of Mouse primary melanocytes (6 weeks) using GTX00738 MITF antibody.

Dilution : 1:500



GTX00738 ICC/IF Image

ICC/IF analysis of mouse melanoma B16 cells using GTX00738 MITF antibody.

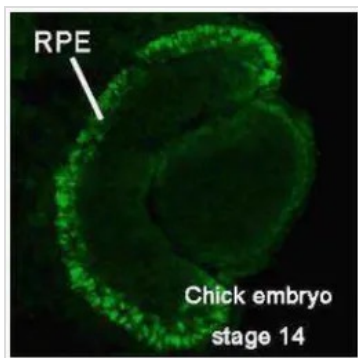
Green : Primary antibody

Blue : DAPI

Dilution : 1:1000

Fixation : 4% PFA

Permeabilization : 0.25 % Triton X-100



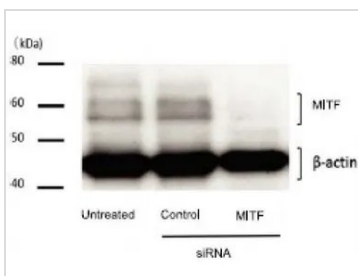
GTX00738 IHC-Fr Image

IHC-Fr analysis of chick embryo (stage 14, 8 μm) using GTX00738 MITF antibody.

At stage 14, Mitf protein is detected throughout the RPE (Retinal Pigment Epithelium).

Dilution : 1:300

Fixation : 4% PFA



GTX00738 WB Image

WB analysis of various samples using GTX00738 MITF antibody.

Untreated : human melanoma cells

Control : human melanoma cells treated with control siRNA

Mitf : human melanoma cells treated with Mitf siRNA

Dilution : 1:1000



For full product information, images and publications, please visit our [website](#).