

## Anti-MITF Antibody (9E888)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 59 kDa. Actual: 52 kDa.
Clone:	9E888
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded Rat Eye; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MITF Monoclonal Antibody, Unconjugated (TMAB-08832) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L Secondary Antibody-HRP and DAB staining.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded Human Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MITF Monoclonal Antibody, Unconjugated (TMAB-08832) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L Secondary Antibody-HRP and DAB staining.</p>
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 1:50-200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized peptide: human MITF
Antigen Species:	Human
Gene ID:	4286
Uniprot ID:	O75030

## Research Background

Transcription factor that acts as a master regulator of melanocyte survival and differentiation as well as melanosome biogenesis. Binds to M-boxes (5'-TCATGTG-3') and symmetrical DNA sequences (E-boxes) (5'-CACGTG-3') found in the promoter of pigmentation genes, such as tyrosinase (TYR).

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481