

## MITF antibody

### Product Information

Catalog No.:	FNab05198
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Transcription factor that regulates the expression of genes with essential roles in cell differentiation, proliferation and survival. Binds to symmetrical DNA sequences(E-boxes)(5'-CACGTG-3') found in the promoters of target genes, such as BCL2 and tyrosinase(TYR). Plays an important role in melanocyte development by regulating the expression of tyrosinase(TYR) and tyrosinase-related protein 1(TYRP1). Plays a critical role in the differentiation of various cell types, such as neural crest-derived melanocytes, mast cells, osteoclasts and optic cup-derived retinal pigment epithelium.

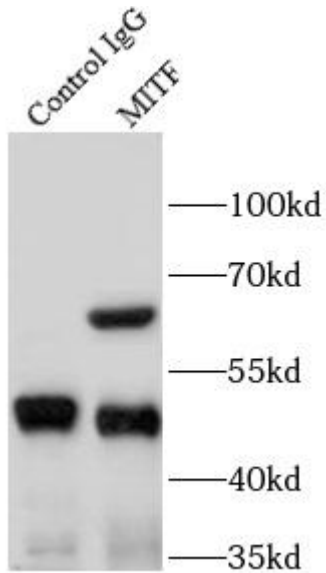
### Immunogen information

Immunogen:	microphthalmia-associated transcription factor
Synonyms:	Microphthalmia-associated transcription factor Class E basic helix-loop-helix protein 32 (bHLHe32) MITF BHLHE32
Observed MW:	60-65 kDa
Uniprot ID :	O75030

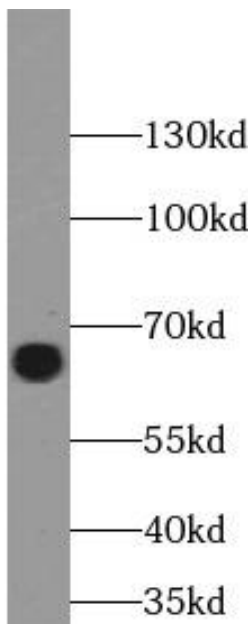
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, FC, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:500-1:2000

Image:



IP Result of anti-MITF (IP: FNab05198, 4ug;  
Detection: FNab05198 1:1000) with mouse heart  
tissue lysate 4000ug.



Jurkat cells were subjected to SDS PAGE followed  
by western blot with FNab05198(MITF antibody)  
at dilution of 1:400