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Anti-MiTF Rabbit mAb [24G60]

Catalog No.: A52216

Basic Information

Catalog No. (Cat.No.)	A52216
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	MiTF,MITF,Microphthalmia transcription factor,MiF

Product Information

Target	MiTF
Molecular Weight(Calculated)	58 kDa
Molecular Weight(Observed)	58 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	24G60
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:500
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Microphthalmia-associated transcription factor
Gene Name	*MITF*
Domain	NA
Background	MiTF (Microphthalmia-associated transcription factor) is a nuclear bHLH-LZ (basic-helix-loop-helix-leucine-zipper) transcription factor. It governs transcriptional programs of melanocyte lineage, controlling melanocyte differentiation, melanin biosynthesis and cell survival. Loss-of-function MiTF leads to microphthalmia and pigmentary disorders. Amplification or over-expression of MiTF drives malignant phenotypes in melanoma. MiTF serves as a key biomarker for melanocytes and melanoma.