

Mouse MITF Monoclonal Antibody | anti-MITF antibody

Anti-MITF Antibody

CATALOG # AAA265925	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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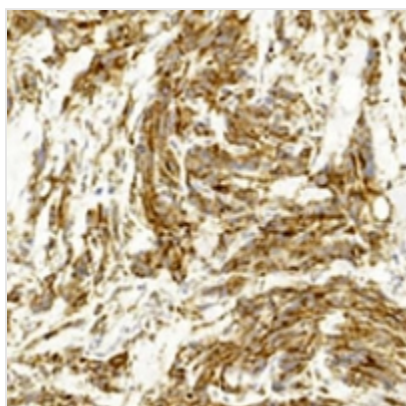
PRODUCT SYNONYMS

MITF; Monoclonal Antibody; Anti-MITF Antibody; anti-MITF antibody

PRODUCT SPECIFICATIONS

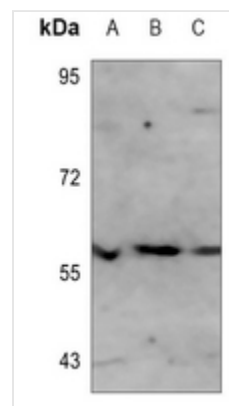
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of MITF protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-MITF antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein of human MITF. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of MITF staining in human melanoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MITF expression in A431 (A), PC12 (B), NIH3T3 (C) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 57 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MITF antibody	Mouse monoclonal antibody to MITF
Product Categories/Family for anti-MITF antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557755
NCBI GeneID	4286
NCBI Accession #	NP_000239.1
NCBI GenBank Nucleotide #	NM_000248.3
UniProt Accession #	O75030; Q08874; O88368
Molecular Weight	58,795 Da
NCBI Official Full Name	microphthalmia-associated transcription factor isoform 4
NCBI Official Synonym Full Names	microphthalmia-associated transcription factor
NCBI Official Symbol	MITF
NCBI Official Synonym Symbols	MI; WS2; CMM8; WS2A; bHLHe32
NCBI Protein Information	microphthalmia-associated transcription factor; class E basic helix-loop-helix protein 32
UniProt Protein Name	Microphthalmia-associated transcription factor
UniProt Gene Name	MITF
UniProt Synonym Gene Names	BHLHE32; bHLHe32
UniProt Entry Name	MITF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.