

Product Datasheet

Mouse Human Microphthalmia Transcription Factor (MiTF) Antibody (orb108818)

Catalog Number	orb108818
Category	Antibodies
Description	Mouse Human Microphthalmia Transcription Factor (MiTF) Antibody
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human, Rat
Concentration	See vial for concentration
Purification	Protein A/G Chromatography
Immunogen	N-terminal fragment of human microphthalmia protein.
UniProt ID	O75030
Tested applications	IHC-Fr, IHC-P, IP, WB
Application notes	This antibody can be used for gel supershift assays, immunoprecipitation (2 µg/mg of protein lysate), Western blotting (1 µg/ml) and immunohistochemistry on frozen and formalin/paraffin tissue sections. Optimal concentration should be evaluated by serial dilutions. In Western blotting, this antibody recognizes a doublet of 52-56kDa, identified as serine-phosphorylated and unphosphorylated forms of melanocytic isoforms of microphthalmia (Mi) transcription factor.

Antibody Type	Primary Antibody
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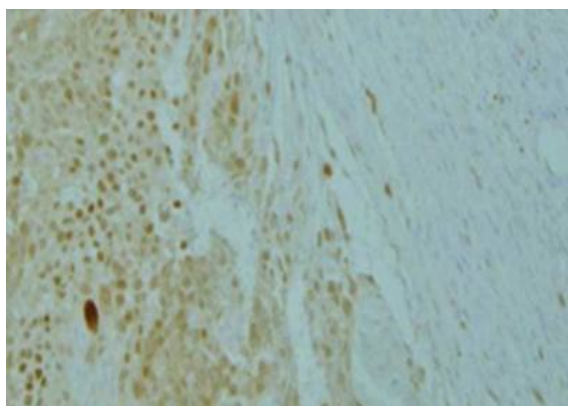
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Clone Number	C5
Source	Hybridoma produced by the fusion of splenocytes from RBF/DnJ mice immunized with an N-terminal fragment of human microphthalmia protein and mouse myeloma NS1 cells.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only



Immunohistochemical staining of tumor cells using Microphthalmia Transcription Factor antibody

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