

Product datasheet for **TA355315**

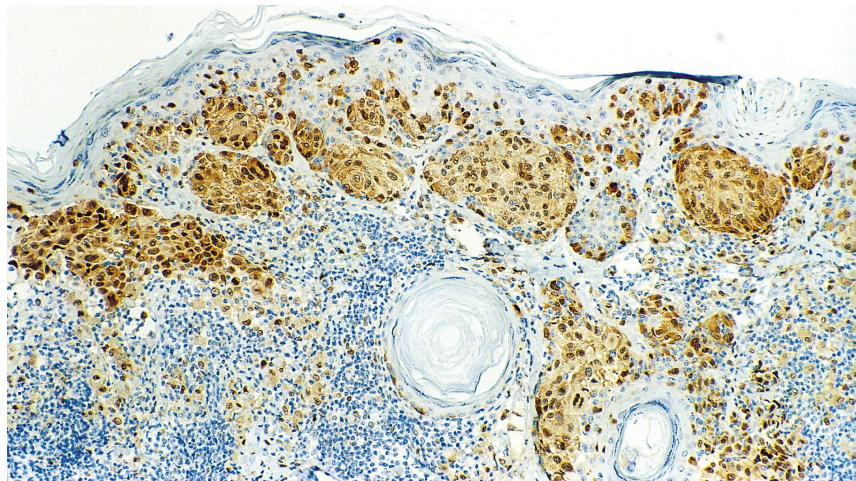
MITF Mouse Monoclonal Antibody [Clone ID: 34CA5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	34CA5
Applications:	IHC
Recommended Dilution:	1:10 - 1:20
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to 111 amino acids of the N-terminal region of the MITF-M molecule
Specificity:	Human microphthalmia transcription factor, MITF-M isoform
Formulation:	Liquid tissue culture supernatant containing 15 mM sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	melanogenesis associated transcription factor
Database Link:	Entrez Gene 4286 Human O75030
Background:	Microphthalmia transcription factor (MITF) gene product, a nuclear transcription factor of the basic-helix-loop-helix type, is thought to play a role in the regulation of genes encoding the enzymes necessary for melanogenesis. These include tyrosinase, TRP-1 and TRP-2. MITF is critical for the embryonic development and postnatal viability of melanocytes. The melanocyte-specific isoform of microphthalmia transcription factor MITF-M, is reported to be expressed in normal and malignant melanocytes. The other isoforms, MITF-A, MITF-C and MITF-H, differ structurally at the N-terminus from MITF-M.
Synonyms:	bHLHe32; MI; WS2A



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Product images:

Human malignant melanoma:
immunohistochemical staining for
Microphthalmia Transcription Factor.
Microphthalmia Transcription Factor: clone
34CA5