

Product datasheet for **TA355354**

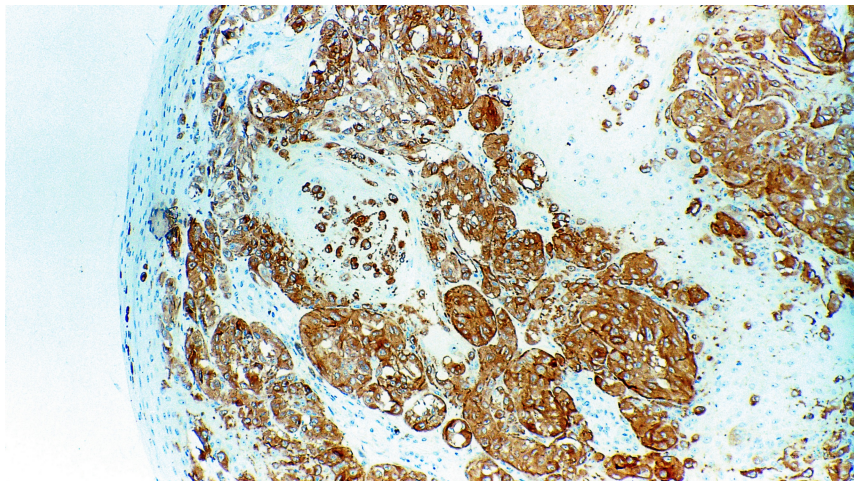
Tyrosinase (TYR) Mouse Monoclonal Antibody [Clone ID: T311]

Product data:

Product Type:	Primary Antibodies
Clone Name:	T311
Applications:	IHC
Recommended Dilution:	1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant prokaryotic protein corresponding to the tyrosinase molecule
Specificity:	Human tyrosinase
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	tyrosinase
Database Link:	Entrez Gene 7299 Human P14679
Background:	The biosynthesis of melanin in melanocytes involves a family of enzymes, a key member of which is tyrosinase. Tyrosinase deficiency is associated with various forms of albinism and in particular oculocutaneous albinism. L-tyrosinase is the initial substrate for melanin biosynthesis and its conversion to dopaquinone is catalyzed by tyrosinase, whose expression is reported in melanocytes and melanomas.
Synonyms:	LB24-AB; OCA1A; OCAIA; SHEP3; SK29-AB; tyrosinase



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Product images:

Human malignant melanoma:
immunohistochemical staining for Tyrosinase:
clone T311