Product datasheet MONX10591

Mouse anti-Tyrosinase, clone T311 (monoclonal)

Clone no. T311

MONXtra

Product name	Mouse anti-Tyrosinase, clone T311 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	Recombinant prokaryotic protein corresponding to the tyrosinase molecule.
Isotype	IgG2a
Clonality	Monoclonal
Clone number	T311
Size	1 ml
Concentration	Greater than or equal to 89 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

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Additional info

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.

References

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2 Lohmann CM et al. American Journal of Surgical Pathology. 2002; 26(10):1351-
3. Clarkson KS et al. Journal of Clinical Pathology. 2001; 54(3):196–200
4. de Vries TJ et al. Journal of Pathology. 2001; 193(1):13–20
5. Jungbluth AA et al. Pathol Res Pract. 2000; 196(4):235–242

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