

Mouse anti-Human OCT-4, clone MRQ-10 (Monoclonal)

Clone no. MRQ-10

MONOSAN

Product name	Mouse anti-Human OCT-4, clone MRQ-10 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	MRQ-10
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Oct-4 is a transcription factor that functions in the regulation and maintenance of pluripotency in embryonic stem and primordial germ cells. Oct-4 immunoreactivity has been demonstrated in gonadal and extra-gonadal seminomas, dysgerminomas and embryonal carcinomas. In addition, the immunohistochemical detection of Oct-4 assists in the evaluation of intratubular germ cell neoplasia (IGCN).

References

1. Cheng L, et al. J Pathol. 2007; 211:1-9
2. Weissferdt A, et al. Hum Pathol. 2015; 46:376-83
3. Browne P, et al. Am J Clin Pathol. 2003 Nov;120(5):767-77
4. García-Cosío M, et al. Mod Pathol. 2004 Dec;17(12):1531-8
5. Gibson SE, et al. Am J Clin Pathol. 2006 Dec;126(6):916-24

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