

## Mouse anti-OCT-2, clone MRQ-2

Clone no. MRQ-2

MONOSAN Ready To Use

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Product name	Mouse anti-OCT-2, clone MRQ-2
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	MRQ-2
Size	7 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-2 is a transcription factor of the POU homeo-domain family that binds to the Ig gene octamer sites, regulating B-cell-specific genes. These are involved in proliferation and differentiation and, despite the scarce evidence for Oct-2 expression in T cells, it has been shown that this factor participates in transcriptional regulation during T-cell activation. Oct-2 activity is dependent on phosphorylation and alternative splicing. Various lymphomas are also positive for this marker including the following: Bchronic lymphocytic leukemia, mantle cell lymphoma, follicular lymphoma, marginal zone lymphoma, plasmacytoma, Burkitt lymphoma, diffuse large cell lymphoma, diffuse large B-cell lymphoma, T-cell rich B-cell lymphoma, nodular lymphocyte predominant Hodgkin lymphoma, and classic Hodgkin lymphoma.

**References**

1. Browne P, et al. Am J Clin Pathol. 2003; 120:767-77
2. García-Cosío M, et al. Mod Pathol. 2004; 17:1531-8
3. Gibson SE, et al. Am J Clin Pathol. 2006; 126:916-24
4. -
5. -

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