

Mouse anti-CD44, clone MRQ-13 (Monoclonal)

Clone no. MRQ-13

MONOSAN

Product name	Mouse anti-CD44, clone MRQ-13 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	MRQ-13
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

The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95 kD or hematopoietic variant (CD44s) that is found in mesodermal cells such as hematopoietic, fibroblastic, and glial cells, as well as in some carcinoma cell lines. Higher molecular weight isoforms have been described in epithelial cells (CD44v) and are thought to function in intercellular adhesion and stromal binding. While many human tumors express CD44, a positive correlation between CD44v expression and tumor dedifferentiation has been demonstrated. MON 3237 may be useful in discrimination of urothelial carcinoma in-situ from non-neoplastic changes in the urothelium.

References

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2. East JA, et al. Eur J Cancer. 1993; 29A:1921-2
3. Gadalla HA, et al. BJU Int. 2004; 93:151-5
4. McKenney JK, et al. Am J Surg Pathol. 2001; 25:1074-8
5. Lopez-Beltran A, et al. Anal Quant Cytopathol Histopathol. 2013; 35:121-9

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