

## Mouse anti-CD31, clone JC70

Clone no. JC70

MONOSAN Ready To Use

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Product name	Mouse anti-CD31, clone JC70
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	JC70
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**

CD31 has cytoplasmic, membranous expression in non-neoplastic and neoplastic vascular endothelial cells.<sup>1</sup> It has been used as a tool to identify the vascular origin of neoplasms such as angiosarcomas, Kaposi sarcomas and epithelioid hemangioendothelioma. Immunohistochemical study with CD31 has also been shown useful to detect areas of tumor lymphovascular invasion. Additionally, detection of weak diffuse cytoplasmic CD31 immunoreactivity has been seen in cases of various carcinomas with occasional membranous staining in ductal carcinomas of the breast as well as in intratumoral macrophages.

**References**

1. Parums DV, et al.. J Clin Pathol. 1990; 43:752-7
2. Attanoos RL, et al. Thorax. 2000; 55:860-3
3. Alexander-Sefre F, et al. J Clin Pathol. 2003; 56:786-8
4. - Ortiz-Hidalgo C, et al. Appl Immunohistochem Mol Morphol. 2000; 8: 334-5
5. McKenney JK, et al. Am J of Surg Pathol. 2001; 25:1167-73

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