

Mouse anti-CD31, clone MX032(Monoclonal)

Clone no. MX032

MONOSAN

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Product name	Mouse anti-CD31, clone MX032(Monoclonal)
Host	Mouse
Applications	IHC-P (1:200-1:400)
Species reactivity	Human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MX032
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tissue culture supernatant containing 15mM 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 is a transmembrane glycoprotein, 130-140 kDa, also designated platelet-endothelium cell adhesion molecule = PECAM-1, belonging to the immunoglobulin super family. CD31 is ligand for CD38 and plays a role in thrombosis and angiogenesis. CD31 is strongly expressed in endothelial cells and weakly expressed in megakaryocytes, platelets, occasional plasma cells, lymphocytes (esp. marginal zone B-cells, peripheral T-cells) and neutrophils. Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Tonsil. Staining Membranous

**References**

1. Santonja C, Martin-Hita AM, Dotor A, et al., Virchows Arch 2001;438;404-7
2. Marquez WH, Gomez-Hoyos J, Woodcock S, et al., Hip Int 2015; 25:168-71
3. -
4. -
5. -

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