

Mouse anti-Thrombomodulin, clone 1009 (Monoclonal)

Clone no. 1009

MONOSAN

Product name	Mouse anti-Thrombomodulin, clone 1009 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	1009
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

Thrombomodulin is a transmembrane glycoprotein composed of 575 amino acids (molecular weight 75 kD) with natural anticoagulant properties. It is normally expressed by a restricted number of cells, such as endothelial and mesothelial cells. In addition, synovial lining and syncytiotrophoblasts of human placenta also express thrombomodulin. Antithrombomodulin has demonstrated positivity in benign vascular tumors such as hemangioma and most malignant vascular tumors (Kaposi's sarcoma and epithelioid hemangioendothelioma). Hence, anti-thrombomodulin serves as a sensitive marker for lymphatic endothelial cells and their tumors. There has also been recent interest in the use of antithrombomodulin as an immunohistochemical marker for mesothelial cells and malignant mesotheliomas. Anti-thrombomodulin is immunoexpressed in a variety of other tumors including urothelial cell carcinomas

References

1. Acebo E, et al. Histol. Histopath. 2001; 16:1031-6
2. Appleton MA, et al. Histopathology. 1996; 29:153-7
3. Attanoos RL, et al. Histopathology. 1996; 29:209-15
4. Attanoos RL, et al. Histopathology. 2001; 39:584-8
5. Attanoos RL, et al. Histopathology. 2002; 41:42-9

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