

Mouse anti-CD21, clone 2G9 (Monoclonal)

Clone no. 2G9

MONOSAN

Product name	Mouse anti-CD21, clone 2G9 (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	IgG2a
Clonality	Monoclonal
Clone number	2G9
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

CD21 (also known as complement receptor 2 (CR2), C3d receptor, or EBV receptor) is a 140 kDa membrane protein on B-lymphocytes to which the Epstein-Barr virus (EBV) binds during infection of these cells. The antigen is absent on T-lymphocytes, monocytes, and granulocytes. MON 3027 is useful in the identification of follicular dendritic cell matrix found in normal lymph node and tonsillar tissue. This antibody also labels follicular dendritic cell sarcomas. Anti-CD21 is valuable in differentiating follicular lymphoma with marginal zone differentiation from marginal zone lymphoma with follicular involvement. It also plays a role in distinguishing among nodular lymphocyte predominant Hodgkin lymphoma, lymphocyte-rich classic Hodgkin lymphoma, and T-cell/histiocyte-rich B-cell lymphoma in combination with other B-cell and T-cell markers.⁶ Anti-CD21 is also useful in identifying abnormal follicular dendritic cell pattern in angioimmunoblastic T-cell lymphoma and follicular T-cell lymphoma.

References

1. Dillon KM et al. J Clin Pathol.; 55(10):791-4 (2002)
2. Cheuk W, et al. Am J Surg Pathol.; 25:721-31 (2001)
3. Pileri SA, et al. Histopathology.; 41:1-29 (2002)
4. Maeda K, et al. J Histochem Cytochem.; 50:1475-1486 (2002)
5. Biddle DA, et al. Mod Pathol.; 15:50-8 (2002)

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