Product datasheet MON3228



## Rabbit anti-Human CD21, clone EP3093 (Monoclonal)

Clone no. EP3093 MONOSAN

Product name Rabbit anti-Human CD21, clone EP3093 (Monoclonal)

**Host** Rabbit

Applications IHC-P (1:50-1:200)

Species reactivity human

Conjugate -

Immunogen Unknown or proprietery to MONOSAN and/or its suppliers

**Isotype** IgG

**Clonality** Monoclonal

Clone number EP3093

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 3028 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. Anti-CD21 is also useful in identifying abnormal follicular dendritic cell pattern in angioimmunoblastic T-cell lymphoma and follicular T-cell lymphoma.

## References

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- Pileri SA, et al. Histopathology. 2002; 41:1-29
- 3. Maeda K, et al. 2002; 50:1475-1485
- 4. Biddle DA, et al. Mod Pathol. 2002; 15:50-58
- 5. Chan AC, et al. Histopathology. 2001; 38:510-8

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