

Mouse anti-CD23, clone MRQ-57

Clone no. MRQ-57

MONOSAN

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|---------------------------|---|
| Product name | Mouse anti-CD23, clone MRQ-57 |
| Host | Mouse |
| Applications | IHC-P (1:100-1:500) |
| Species reactivity | human |
| Conjugate | - |
| Immunogen | Unknown or proprietary to MONOSAN and/or its suppliers |
| Isotype | IgG2a |
| Clonality | Monoclonal |
| Clone number | MRQ-57 |
| 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

CD23 antigen is a 45-60 kDa membrane glycoprotein identified as a low affinity receptor for IgE production as well as a receptor for lymphocyte growth factor. CD23 is found in some mature B-cell lymphomas and in Reed-Sternberg cells in Hodgkin disease. Follicular dendritic cells and some activated B-cells within germinal centers express CD23 in high density and mantle zone B-cells are stained weakly. The majority of chronic lymphocytic leukemias/small lymphocytic lymphomas are CD23 positive, whereas mantle cell lymphomas are generally negative, so this marker is useful when applied with other markers to separate the small cell lymphomas. Precursor B and T lymphomas, myeloid neoplasms, and mature T-cell lymphomas are CD23 negative and other small cell lymphomas are occasionally positive. CD23 is also positive on activated mature B-cells expressing IgM or IgD, monocytes/macrophages, follicular dendritic cells, T-cell subsets, eosinophils, Langerhans cells and small lymphocytic lymphoma/chronic lymphocytic leukemia (SLL/CLL).

References

1. Rowlands DC, et al. J Pathol. 1990; 160:239-43
2. DiRaimondo F, et al. Cancer. 2002; 94:1721-30
3. Raghoebier S, et al. Blood. 1991; 78:2680-5
4. -
5. -

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