

Product datasheet MON10229

MONOSAN[®]

Mouse anti-CD5, clone C5/473 (Monoclonal)

Clone no. C5/473

MONOSAN

Product name Mouse anti-CD5, clone C5/473 (Monoclonal)

Host Mouse

Applications IHC-P (1:200-1:400)

Species reactivity Human

Conjugate -

Immunogen Human CD5 recombinant protein

Isotype IgG1 kappa

Clonality Monoclonal

Clone number C5/473

Size 1 ml

Concentration n/a

Format Concentrate

Storage buffer Bioreactor Concentrate with 0.05% Azide

Storage until expiry date 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. CD5 is expressed by many T cell leukemia, lymphomas, and activated T cells. Occasionally, CD5 antigen is also expressed on a subset of B cells. Mantle cell lymphomas (same as diffuse centrocyte lymphomas) are CD5+ while the follicle center cell lymphoma is CD5-negative. This MAb is superb for identifying the formalin-fixed, paraffin-embedded mantle cell lymphomas. Pretreatment: 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. Ferry JA et. al. American Journal of Clinical Pathology, 1996, 105(1):31-7.
2. Gagneten D et. al. Diagnostic Cytopathology, 1996, 14(1):32-7.
3. -
4. -
5. -

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