

Mouse anti-CD43, clone DF-1(Monoclonal)

Clone no. DF-T1

MONOSAN

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|---------------------------|---|
| Product name | Mouse anti-CD43, clone DF-1(Monoclonal) |
| Host | Mouse |
| Applications | IHC-P (1:100-1:200), WB (1:100-1:200) |
| Species reactivity | Human |
| Conjugate | - |
| Immunogen | KG1 cells (myoblast cell line) |
| Isotype | IgG2, kappa |
| Clonality | Monoclonal |
| Clone number | DF-T1 |
| 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

The anti-CD43 antibody recognizes a cell surface glycoprotein of 95/115/135kDa (depending upon the extent of glycosylation), identified as CD43. 70-90% of T-cell lymphomas and from 22-37% of B-cell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So, a B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma, especially a low-grade lymphoma, rather than a reactive B-cell population. When CD43 antibody is used in combination with anti-CD20, effective immunophenotyping of the lymphomas in formalin-fixed tissues can be obtained. Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 argues against a reactive process and favors a diagnosis of lymphoma. Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, 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. Leong A, Cooper K, Leong F. London: Oxford University Press; 1999. p. 91-2.
2. Stross WP, Warnke RA, Flavell DJ, Flavell SU, Simmons D, Gatter KC, et al. J Clin
3. de Smet W, Walter H, van Hove L.. Immunology 1993;79:46-54.
4. -
5. -

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