

Mouse anti-CD43, clone 84-3C1 (Monoclonal)

Clone no. 84-3C1

MONOSAN

Product name Mouse anti-CD43, clone 84-3C1 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IHC-P, IF, WB

Species reactivity human

Conjugate -

Immunogen stimulated human leucocytes

Isotype IgG1-K

Clonality Monoclonal

Clone number 84-3C1

Size 100 ug

Concentration 100 ug/ml

Format -

Storage buffer PBS with 0.02% 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

84-3C1 reacts with a 95/115 kDa protein on T-cells and thymocytes and a 115/135 kDa molecule on neutrophils and platelets. 70-90% of T-cell lymphomas and from 22-37% of Bcell lymphomas express CD43. No reactivity has been observed with reactive B-cells. So a Blineage 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. In addition, expression is altered in Wiskott Aldrich syndrome. A proportion of AIDS patients have antibodies to CD43. A soluble form called galactoglycoprotein is present in serum. 85-3C1 was typed at the 3rd International Workshop on Human Leucocyte Differentiation antigens.

References

1. Cobbold, S. et al. In Leucocyte typing III, Oxford University Press, pp 789-803 (1
2. Stross, WP. et al. J. Clin. Path. 42: 953-961 (1989)
3. -
4. -
5. -

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