

MONOCLONAL ANTIBODY CD7

Cat. No.	Form	Quantity	Presentation
0179	Purified	0.2 mg	Freeze-dried
0585	FITC	100 tests	Liquid 2ml
0698	Purified	100 tests	Liquid 2ml
1429	Phycoerythrin	100 tests	Liquid 2ml

Clone	8H8 1
Isotype	IgG2a _K (mouse)
Immunogen	Human thymocytes
Hybridoma	Myeloma X63.Ag8 X Balb/c spleen cells
Specificity	The molecular weight of the recognized antigen is 40 kDa. Pan T-cell marker Does not recognize all thymocytes, particularly in peripheral blood.
Applications	Identification and enumeration of T lymphocytes (CD7 is a Pan T-cell marker) Studies have shown that anti-CD7 is useful in the identification of lymphoblastic T leukemias in children.
Buffer	Freeze-dried forms: 1 mg/ml bovine serum albumin in phosphate buffered saline. Liquid forms: 2 mg/ml bovine serum albumin in phosphate buffered saline containing 0.1% sodium azide.
Reconstitution and Storage	The freeze-dried form may be stored at 2-8°C until the expiration date. Reconstitute with 1 ml of distilled water. No preservative has been added. The reconstituted form may be stored at -20°C until the expiration date. Aliquoting is suggested to avoid multiple freeze-thaw cycles. The addition of sodium azide at 0.1% (w/v) is recommended for storage of the reconstituted form for up to one month at 2-8°C. The purified liquid form should be stored at 2 - 8°C Conjugated forms should not be frozen and should be stored in the dark at 2 - 8°C.

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MA003

FOR RESEARCH USE ONLY - NOT FOR USE IN DIAGNOSTIC PROCEDURES


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Recommended Procedures Fluorescent microscopy or flow cytometry
Liquid form: 20 μ l/5x10⁵ cells/test or 100 μ l whole blood
Freeze-dried form. 2 μ g/5x10⁵ cells/test

Immunohistochemistry
Suggested form: freeze-dried
Working dilution: 1:25 to 1:50

This antibody is only suitable on frozen sections or cell smears.

References 1) This antibody was studied at the Second International Workshop on human leucocyte antigens, Boston, 1984.