



Mouse Anti Human CD5 FITC

PRODUCT INFORMATION

CLONE: HISM2
ISOTYPE: Mouse IgG1
WS.No.: VI 6T 004
CATALOG#: A6102/A6112
CONTENTS: FITC - conjugated antibody buffered in 10mM PBS (PH 7.0) with 0.05% NaN₃ and 1% BSA.

DESCRIPTION

CD5 McAb recognizes a 67 KD type I single-chain transmembrane glycoprotein. CD5 antigen appears early in thymocyte development and is expressed on all mature T lymphocytes as well as on a small subset of peripheral B lymphocytes and also on most Ig+ B-chronic lymphoblastic leukemia (B-CLL). CD5 is a ligand for the CD72 antigen expressed on B lymphocytes and is involved in T cell signaling, activating, proliferating and interacting between T and B cells.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography and is conjugated FITC under optimum conditions.

USAGE

The FITC conjugation is tested for flow cytometric analysis using 20 μ l/10⁶ cells or 100 μ l peripheral blood cells.

STORAGE

Store at 4°C, should not be frozen and avoid prolonged exposure to light.

REFERENCES

Tadamitsu K, K.Hitoshi, A.E.G.Kr.van dem Borne, et al., eds. 1997. Leucocyte Typing VI: White Cell Differentiation Antigens. P: 27, 53, 57-58, 89, 112 Garland Publishing, Inc., New York.

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