



Mouse Anti Human CD1a Purified

PRODUCT INFORMATION

CLONE:	HI149
ISOTYPE:	Mouse IgG1, κ
WS.No.:	V5T CD01.01
CATALOG#:	A6021/ A6021-bulk
CONTENTS:	Purified antibody buffered in 10mM PBS (PH 7.0) with 0.1% NaN ₃ .

DESCRIPTION

CD1a McAb recognizes a 49 KD polypeptide associated with β 2-microglobulin(β_2m) expressed on cortical thymocytes(strongly), langerhans cells, dendritic cells, some T cell leukemias and lymphomas. CD1a McAb does not react with peripheral blood T and B lymphocytes, monocytes, granulocytes, platelets and erythrocytes. CD1a antigen has specialized role in presentation of lipid antigens.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of acetone-fixed frozen sections.

STORAGE

Store at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze and thaw cycles.

REFERENCES

1. Shen DC., She M., Zhang JX., et al., 1993. Preparation, identification and preliminary application of McAb HI149 against CD1a different epitope. J. of Monoclonal Antibody. 9(2):45
2. Schlossman S., L. Bloumsell, W. Gilks, et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P: 245, 260 Oxford University Press, New York.

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