

Mouse Anti Human HLA-DR Purified

PRODUCT INFORMATION

CLONE: HI43
ISOTYPE: Mouse IgG1
WS.No.: IV B88
CATALOG#: A7161/A7161-bulk
CONTENTS: Purified antibody buffered in 10mM PBS (PH 7.0) with 0.1% NaN₃.

DESCRIPTION

Anti-HLA-DR McAb recognizes a 28 and 34 KD α , β heterodimer glycoprotein named class II major histocompatibility complex (or human leucocyte antigen) DR monomorphic antigen expressed on hematopoietic progenitors, B lymphocytes, monocytes/macrophages, dendritic cells, langerhans cells, activated T cells, some endothelial and epithelial cells, but not on resting T lymphocytes, erythrocytes and platelets. HLA-DR antigen is also expressed at high levels on B lymphocyte leukemic cells and cells of CML-LBC, at moderate levels on the cells of AML-M1/M2, M4 and M5, but not or little on the cells of AML-M3 and CML. McAb HI43 might be used as valuable reagent in diagnosis and classification of leukemias.

PREPARATION

The monoclonal antibody is purified from ascites by affinity chromatography.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis.

STORAGE

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

REFERENCES

Knapp, W., B. Dörken, E. P. Rieber, et al., eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. P: 28 Oxford University Press, New York.

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