

HLA-DP (HI43) Antibody

Subcategory: Mouse Monoclonal Antibody, FITC-conjugated Antibody

Cat. No.: 251042

Unit: 2 ml

Description:

The HLA-DP (HI43) antibody recognizes a 28/34-kDa α / β heterodimer glycoprotein named class II major histocompatibility complex (or human leukocyte antigen) DP 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-DP 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 on the cells of AML-M3 and CML. This antibody can be used as a valuable reagent in diagnosis and classification of leukemias.

Isotype: mouse IgG1

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: HLA-DP; HLA class II histocompatibility antigen, DP(W4) beta chain; HLA-DPB1; HLA-DP1B; HLA class II histocompatibility antigen, DP alpha chain; HLA-SB alpha chain; MHC class II DP3-alpha; DP(W3); DP(W4); HLA-DPA1; HLA-DP1A; HLASB

Accession No.: Q30058, P04440, P20036

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: Shen DC., et al. 1990. Chinese J. Microbiology and Immunology. 10(5): 291; Knapp W., et al., eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. P798, 1078, Oxford University Press, New York

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