
HLA-DQ (HI118) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250985

Unit: 0.1 mg

Description:

The HLA-DQ (HI118) antibody recognizes the HLA DQ antigen, a HLA class II antigen that is mainly expressed on specialized antigen-presenting cells (APC), dendritic cells, B-cells, monocytes, macrophages and activated T-cells. HLA class II antigens present exogenous-derived antigens to T-cell receptors (TCR) on CD4+ T lymphocytes. Both chains in HLA DQ are polymorphic. HLA DQ is highly expressed in the thymic cortex and is expressed after DR and DP during hematopoietic progenitor cell development. This antibody recognizes DQ6 and DQ8 but not DQ2.

Isotype: mouse IgG1

Applications: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: HLA class II histocompatibility antigen, DQ

Accession No.:

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen and formalin-fixed paraffin sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Knapp W., et al., eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. P798, 1078, Oxford University Press, New York

For research use only, not for diagnostic or therapeutic procedures.