

# Anti-Human HLA-DR (L243) Antibody: Fc Biotinylated

**Product Code:** ICH1026B

**More Information**

**Species Reactivity:** Human

**Target:** HLA-DR

**Concentration:** 1.0 mg/ml

**Isotype:** Mouse IgG2a

**Host:** Mouse

**product name H2:** Anti-Human HLA-DR (L243) Antibody: Fc Biotinylated

**Aggregation:** Aggregation level  $\leq$  5%

**Immunogen:** Unknown

**Antigen Distribution:** The HLA-DR antigen is present on B-lymphocytes, activated T-lymphocytes and activated natural killer (NK) lymphocytes. This antigen is also expressed on monocytes, macrophages, human progenitor cells and B-cell lymphomas.

**Buffer:** ICH3002

**UniProt:** P01903;P01903;P01911;P01903;P01911;

**Shipping Conditions:** Blue ice

**background:** HLA-DR is a major MHC class II molecule central to antigen presentation, immune activation, and transplantation research. Clone L243 is a mouse IgG2a monoclonal antibody recognizing human HLA-DR, validated for flow cytometry and ELISA, and supplied here as an Fc-biotinylated conjugate for streptavidin-based assays. Anti-HLA-DR clone L243 is provided in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities to serve bulk and high-throughput laboratories. Researchers



value L243 for consistent, reliable detection of HLA-DR across immunology studies, with this reagent offered for research use only.

**Other names:** Major Histocompatibility Class II, MHC class II, HLA-DR Monomorphic

**clone:** L243

**Specificity:** Anti-HLA-DR In Vivo Antibody - Low Endotoxin (L243) recognizes/reacts with the HLA-DR antigen, a member of MHC class II molecules. It does not cross-react with HLA-DP and HLA-DQ

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** This Biotinylated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

**Purity:** >95% by SDS-PAGE and HPLC

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This biotinylated antibody is stable when stored at 2-8°C. Do not freeze.

**Applications:** Flow Cytometry, ELISA

**Application Notes:** Each investigator should determine their own optimal working dilution for specific applications.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.