

Technical Data Sheet

Biotin Anti-Human HLA-DR

Catalog Number: 102713, 102714

Size: 25 ug, 100 ug

Target Name: HLA-DR, Major Histocompatibility Class II, MHC class II

Regulatory Status: RUO

Product Details

Clone: L243

Application: FC

Reactivity: Human

Format: Biotin

Isotype: Mouse IgG2a

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

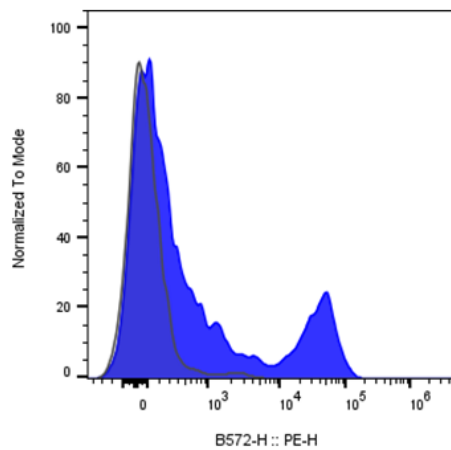
Protein Concentration: 0.2 mg/mL

Storage and Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

Background Information

HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD ? (heavy) chain and a 27 kD ? (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, dendritic cells, and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 molecules, HLA-DR is critical for efficient peptide presentation to CD4+ T cells.

Product Data



Human peripheral blood lymphocytes stained with either Biotin anti-human HLA-DR clone L243 (blue histogram) or an isotype control (gray histogram), followed by SA-PE.