

Technical Data Sheet

APC Anti-Human HLA-DR

Catalog Number: 102715, 102716

Size: 25 tests, 100 tests

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

Regulatory Status: RUO

Product Details

Clone: L243

Application: FC

Reactivity: Human

Format: APC

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: Supplied at a lot-specific concentration.

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

Recommended Usage: For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

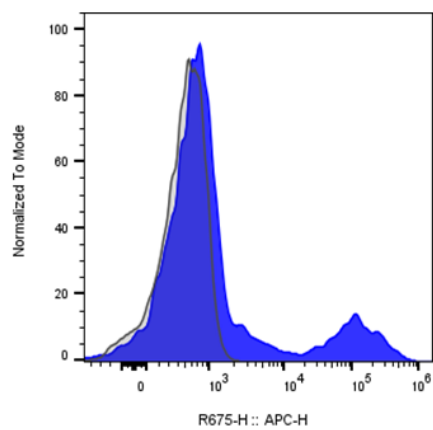
Excitation Laser: Red Laser (633 nm)

Release Date: Nov-25

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 either APC Anti-Human HLA-DR clone L243 (color-filled histogram) or an isotype control (gray histogram).