

TECHNICAL DATA SHEET

CyFlow™ HLA-DR+DP PE Anti-Hu; Clone HL-38

REF AY495903

For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Specifications

Antigen	HLA-DR+DP
Alternative Names	—
Clone	HL-38
Clonality	monoclonal
Format	PE
Host / Isotype	Mouse / IgG2a
Species Reactivity	Human, Pig
Negative Species Reactivity	—
Quantity	100 tests
Immunogen	Raji cells: human Burkitt's lymphoma cell line

Specificity

The mouse monoclonal antibody HL-38 recognizes common epitope on β -chain of human HLA-DR and HLA-DP. DR and DP are the isotypes of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).

Contact Information:

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Application

The reagent is designed for Flow Cytometry analysis of human blood cells. Recommended usage is 20 µl reagent / 100 µl of whole blood or 10⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.

Other usages may be determined from the scientific literature.

Storage Buffer

The reagent is provided in stabilizing phosphate buffered saline (PBS) solution, pH ≈7.4, containing 0.1% (w/v) sodium azide.

Storage and Stability

Storage	Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze.
Stability	Do not use after expiration date stamped on vial label.

References

- Horejsi V, Nemec M, Angelisova P, Kristofova H, Gorga JC, Hilgert I: Characterization of seven new monoclonal antibodies against human DR, DR + DP and DQ1 + DQ3 antigens. Tissue Antigens. 1986 Nov; 28(5):288-97. < PMID: 2435017 >

The Safety Data Sheet for this product is available at www.sysmex-partec.com/services.

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