

TECHNICAL DATA SHEET

CyFlow™ HLA-DQ1+DQ3 Purified Anti-Hu; Clone HL-37

REF BK419605

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Specifications

Antigen	HLA-DQ1+DQ3
Alternative Names	—
Clone	HL-37
Clonality	monoclonal
Format	Purified
Host / Isotype	Mouse / IgG3
Species Reactivity	Human, Pig
Negative Species Reactivity	—
Quantity [Concentration]	0.1 mg [1 mg/ml]
Immunogen	Burkitt's lymphoma cell line Raji

Specificity

The mouse monoclonal antibody HL-37 recognizes polymorphic determinant on human HLA-DQ1 and HLA-DQ3 molecules (recognized epitope was found on isolated β chain of DQ1), but does not react with

Contact Information:

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HLA-DQ2. DQ is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).

Application

Based on published sources, this antibody is suitable for the following applications:

- Flow cytometry
- Immunoprecipitation
- Western blot

Storage Buffer

The reagent is provided in phosphate buffered saline (PBS) solution, pH $\approx$ 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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