

HLA-DQ1/DQ3 monoclonal antibody, clone HL-37

Catalog # MAB3615

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native HLA-DQ1/DQ3.
Immunogen	Native Burkitt's lymphoma cell line Raji.
Host	Mouse
Reactivity	Human, Pig
Specificity	This antibody reacts with polymorphic determinant on human HLA-DQ1 and HLA-DQ3 molecules (recognized epitope was found on isolated beta chain of DQ1), but does not react with HLA-DQ2. DQ1 is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).
Form	Liquid
Isotype	IgG3
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation
- Flow Cytometry

Publication Reference

- [Characterization of seven new monoclonal antibodies against human DR, DR + DP and DQ1 + DQ3 antigens.](#)

Horejsi V, Nemec M, Angelisova P, Kristofova H, Gorga JC, Hilgert I.

Tissue Antigens 1986 Nov; 28(5):288.

Application: Func, IF, ELISA, IP, WB, Human, Daudi cells