



11-238-C025

## Monoclonal Antibody to HLA-DQ1+DQ3 Purified Antibody (0.025 mg)

<b>Clone:</b>	HL-37
<b>Isotype:</b>	Mouse IgG3
<b>Specificity:</b>	The antibody HL-37 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. DQ is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).
<b>Immunogen:</b>	Burkitt's lymphoma cell line Raji.
<b>Species Reactivity:</b>	Human, Porcine
<b>Application:</b>	Flow Cytometry Recommended dilution: 5 µg/ml Immunoprecipitation Western Blotting Application note: Non-reducing conditions.
<b>Purity:</b>	> 95% (by SDS-PAGE)
<b>Purification:</b>	Purified from ascites by protein-A affinity chromatography.
<b>Concentration:</b>	1 mg/ml
<b>Storage Buffer:</b>	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
<b>Storage / Stability:</b>	Store at 2-8°C. Do not use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
<b>Expiration:</b>	See vial label
<b>Lot Number:</b>	See vial label
<b>References:</b>	*Horejsi V, Nemeč 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.

**For laboratory research only, not for drug, diagnostic or other use.**