



[Go to Product page](#)

Datasheet for ABIN94338

anti-HLA-DQ1/DQ3 antibody

1 Image

1 Publication

Overview

Quantity:	0.1 mg
Target:	HLA-DQ1/DQ3
Reactivity:	Human, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DQ1/DQ3 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Burkitt's lymphoma cell line Raji.
Clone:	HL-37
Isotype:	IgG3
Specificity:	The antibody HL-37 reacts with extracellular 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).
Cross-Reactivity (Details):	Human, Porcine
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	HLA-DQ1/DQ3
Alternative Name:	HLA-DQ1+DQ3 (HLA-DQ1/DQ3 Products)
Background:	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).

Application Details

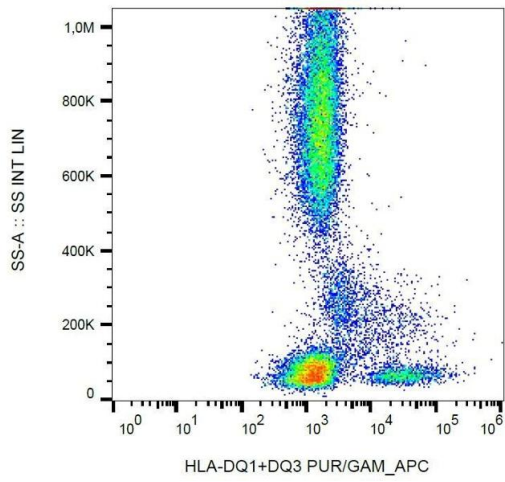
Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL. Western blotting: non-reducing conditions.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Publications

Product cited in:	Horejsi, N?mec, Angelisová, Kristofová, Gorga, Hilgert: "Characterization of seven new monoclonal antibodies against human DR, DR + DP and DQ1 + DQ3 antigens." in: Tissue antigens , Vol. 28, Issue 5, pp. 288-97, (1987) (PubMed).
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Flow Cytometry

Image 1. Surface staining of human peripheral blood cells with anti-HLA-DQ1+DQ3 (HL-37) purified, GAM-APC.