

**SM3054RP****Monoclonal Antibody to HLA Class II DR + DP - PE**

<b>Alternate names:</b>	DP, DP, HLA class II histocompatibility antigen DR, HLA-DP, HLA-DR, MHC class II antigen DR
<b>Quantity:</b>	100 Tests
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	HL-38
<b>Immunogen:</b>	Raji Burkitt's lymphoma cell line
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Buffer System:</b> Phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent <b>Label:</b> PE – onjugated with R-Phycoerythrin under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use
<b>Applications:</b>	Flow Cytometry analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10e6 cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes common epitope on beta-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).
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Porcine
<b>Storage:</b>	Store the antibody at 2 - 8 °C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Horejsí V, Nĕmec M, Angelisová P, Kristofová 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. PubMed PMID: 2435017.