

**SM3054P****Monoclonal Antibody to HLA Class II DR + DP - Purified**

<b>Alternate names:</b>	DP, DP, HLA class II histocompatibility antigen DR, HLA-DP, HLA-DR, MHC class II antigen DR
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	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>Host / Isotype:</b>	Mouse / IgG2a
<b>Recommended Isotype Controls:</b>	AM03096PU-N
<b>Clone:</b>	HL-38
<b>Immunogen:</b>	Burkitt's lymphoma cell line Raji
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Protein-A affinity chromatography; purity > 95 % (by SDS-PAGE) <b>Buffer System:</b> PBS with 15 mM sodium azide, approx. pH 7.4
<b>Applications:</b>	Flow Cytometry. Immunoprecipitation. Western Blotting under non reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody recognizes common epitope on beta-chain of human HLA-DR and HLA-DP. <b>Species:</b> Human, pig. Other species not tested.
<b>Storage:</b>	Store the antibody at 2-8°C for up to one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</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.