

SM3054F**Monoclonal Antibody to HLA Class II DR + DP - FITC**

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| Alternate names: | DP, DP, HLA class II histocompatibility antigen DR, HLA-DP, HLA-DR, MHC class II antigen DR |
| Quantity: | 100 Tests |
| Host / Isotype: | Mouse / IgG2a |
| Clone: | HL-38 |
| Immunogen: | Raji Burkitt's lymphoma cell line |
| Format: | State: Liquid purified Ig fraction Buffer System: 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. Label: FITC – Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use |
| Applications: | 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. |
| Specificity: | 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). |
| Species Reactivity: | Tested: Human, Porcine |
| Storage: | 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. |
| General Readings: | 1. Horejsí V, Námec 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. |