

SM1225P**Monoclonal Antibody to HLA Class II DP, DR, DQ - Purified**

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| Alternate names: | DQ, DQ, DR, DR, HLA class II histocompatibility antigen DP, MHC class II antigen DP |
| Quantity: | 0.2 mg |
| Concentration: | 1 mg/ml |
| Host / Isotype: | Mouse / IgG2a |
| Recommended Isotype Controls: | AM03096PU-N |
| Clone: | WR18 |
| Immunogen: | Human HLA Class II (DP, DQ, DR) |
| Format: | Purification: Affinity purified on Protein G Buffer System: PBS containing 0.09 % sodium azide as preservative |
| Applications: | Flow Cytometry (1:50 - 1:200, use 10 µl of diluted antibody to label 1x10 ⁶ cells in 100 µl). Immunohistochemistry on frozen and paraffin embedded sections (heat induced antigen retrieval using sodium citrate buffer pH 6.0 is recommended for this purpose). Recommended positive control: Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | WR18 is specific for the human HLA Class II beta chains of human histocompatibility antigen Mw 28 kD. Reacts with a monomorphic determinant common to each beta chain type. Expressed on human B lymphocytes, monocytes and activated T lymphocytes. Species: Human. Other species not tested. |
| Storage: | Store the antibody at 2-8°C or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: One year from despatch. |
| General Readings: | 1. Moore K, Cooper SA, Jones DB. Use of the monoclonal antibody WR17, identifying the CD37 gp40-45 Kd antigen complex, in the diagnosis of B-lymphoid malignancy. J Pathol. 1987 May;152(1):13-21. PubMed PMID: 3305845. |

Pictures:

Staining of human peripheral blood lymphocytes with mouse anti human HLA CLASS II DP DQ DR antibody.

