

Product datasheet for **SM1225R**

HLA Class II DP, DR, DQ Mouse Monoclonal Antibody [Clone ID: WR18]

Product data:

Product Type:	Primary Antibodies
Clone Name:	WR18
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10 ⁶ cells or 100 µl whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human HLA Class II (DP, DQ, DR). Spleen cells from an immunised BALB/c mice were fused with cells of the mouse NS0 mouse myeloma cell line.
Specificity:	This antibody recognizes a monomorphic determinant common to DP, DQ and DR beta chains, which are expressed by antigen presenting cells, B cells, monocytes and activated T lymphocytes.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide and 0.1% Bovine Serum Albumin Label: PE State: Lyophilized purified IgG fraction Stabilizer: 0.1% BSA Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.



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- Background:** The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In humans, this complex is referred to as the human leukocyte antigen (HLA) region. There are 3 major MHC class II proteins encoded by the HLA which are HLA DP, HLA DQ and HLA DR.
- Synonyms:** MHC class II antigen DP, DR, DQ, HLA class II histocompatibility antigen DP, DR, DQ