

Product datasheet for **SM2200R**

HLA Class II DR Rat Monoclonal Antibody [Clone ID: YE2/36-HLK]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YE2/36-HLK
Applications:	FC
Recommended Dilution:	Flow Cytometry. Use 10 µl of neat antibody to label 10 ⁶ cells in 100 µl.
Reactivity:	Human, Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	EHR-B Ramos cells. Spleen cells from immunised AO rats were fused with cells of the rat Y3 Ag1.2.3 myeloma cell line.
Specificity:	This antibody recognises a monomorphic determinant of HLA-DR antigen (MHC class II). Clone YE2/36 has also been reported to be cross reactive with mouse H-2 haplotypes b, d and q expressed by mouse strains including C57BL/6, DBA, and NZB.
Formulation:	PBS, containing 0.09% Sodium Azide, 1% Bovine Serum Albumin, 5% Sucrose Label: PE State: Lyophilized purified IgG Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 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.
Background:	HLA DR is expressed by B lymphocytes, activated T cells and by monocytes.
Synonyms:	HLA-DR, HLA class II histocompatibility antigen DR, MHC class II antigen DR



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