

Product datasheet for **SM2200P**

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, IHC
Recommended Dilution:	Flow Cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Immunohistochemistry on frozen and paraffin sections: This clone has been described reacting with paraffin embedded material following PLP (periodate-lysineparaformaldehyde) fixation.
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:	State: Purified State: Liquid purified IgG containing 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
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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