

AM32405SU-N**Monoclonal Antibody to HLA Class II DRw52 - Ascites**

Alternate names:	HLA class II histocompatibility antigen DR, HLA-DR, MHC class II antigen DR
Quantity:	1 ml
Host / Isotype:	Mouse / IgG2b
Clone:	7.3.19.1
Format:	State: Liquid diluted Ascites Buffer System: PBS Preservatives: 0.02% Sodium Azide Stabilizers: 0.1% BSA
Applications:	The antibody is useful for HLA-DR typing and biochemical characterization of the DR52w positive molecules and Functional Studies. Immunofluorescence. Microcytotoxicity <i>Recommended Dilutions:</i> 1/10, preferably in PBS with 1% BSA and 0.01% Sodium Azide. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody clone 7.3.19.1 reacts with a polymorphic determinant on HLA-DR molecules which is associated with DR3, DR5, and DRw6 (DRw52-like). It does not react with DRw8. The antibody reacts with part of the HLA-D molecules (29+34 kD). The determinant is strongly expressed on DR3 positive cells and more weakly on DR5 and DRw6 positive cells.
Species Reactivity:	Tested: Human, Chimpanzee, Gorilla, Macaque.
Storage:	Store the antibody undilute at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Koning, F., et al., 1984, Human Immunology, 9, 221. 2. Koning, F., et al., 1985, Disease Markers 2, 75. 3. Bontrop, R.E., et al., 1984, Histocompatibility testing, 526. 4. Ottenhoff, T.H.M., et al., 1985, Human Immunology, 13, 117. 5. Bontrop, R.E., et al., 1990, J. Exp. Med. 172, 53. 6. Verreck, F.A.W., et al., 1993, Eur. J. Immunol. 23, 1346.