

AM32413SU-N**Monoclonal Antibody to HLA Class II DP, DR, DQ - Liquid**

Alternate names:	DQ, DQ, DR, DR, HLA class II histocompatibility antigen DP, HLA-DP, HLA-DQ, HLA-DR, MHC class II antigen DP
Quantity:	1 ml
Host / Isotype:	Mouse / IgG2a
Clone:	7.5.10.1
Format:	State: Liquid Ig fraction Buffer System: PBS Preservatives: 0.01% Sodium Azide Stabilizers: 1% BSA
Applications:	The antibody is useful for the identification of HLA-D positive molecules using either microcytotoxicity testing or immunofluorescence/immunoperoxidase procedures. Furthermore, it was found useful for studies on functional aspects of MHC class II molecules. For use in regular immunofluorescence and microcytotoxicity methods, dilution of 1/5, preferably in PBS plus 1% BSA and 0.01% Sodium Azide is a recommended. Recommended Dilutions: Immunofluorescence/Immunocytochemistry: 1/10-1/2000. Immunohistochemistry on Frozen Sections: 1/10-1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with a monomorphic determinant on MHC class II, HLA-D region molecules. It detects the molecules of the HLA-DR, DP and DQ loci. It inhibits the mixed lymphocyte culture. It also reacts with MHC class II molecules of various animals and is a useful tool for studies with Dogs.
Storage:	Store undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Koning, F., et al., 1984, Human Immunology 9, 221. 2. Koning, F., et al., 1985, Tissue Antigens 26, 100. 3. Doveren, R.F., et al., 1986, Tissue Antigen 27, 87-98.