

Monoclonal Antibody to MHC Class II DR a - Supernatant

Catalog No.:	SM479
Quantity:	2 ml
Host / Isotype:	Mouse / IgG1
Clone:	VPM54
Immunogen:	Acid treated SW73.2 purified Ag
Format:	State: Liquid purified tissue culture supernatant Buffer System: 0.2 M Tris/HCl pH7.4 and 5-10 % foetal calf serum and 0.01 % Sodium Azide
Applications:	Flow cytometry :Use 10 µl of neat antibody to label 10e6 cells in 100 µl. Immunoprecipitation. Immunohistochemistry: 1/5 - 1/10 for frozen sections. Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises a monomorphic epitope on the alpha chain of sheep MHC Class II DR. Species: Sheep, Bovine. Other species not tested.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Vilmos, P. et al. (1996) Phylogenetically conserved epitopes of leucocyte antigens. <i>Vet. Immunol. Immunopathol.</i> 52: 415-426. 2. Dutia, B. et al. (1995) Discrimination between major histocompatibility complex class II DQ and DR locus products in cattle. <i>Anim. Genet.</i> 26: 111 - 114. 3. Ryan, S. et al. (2000) Infection of dendritic cells by the maedi-visna lentivirus. <i>J. Virol.</i> 74 (21): 10096 - 10103. 4. Estrada-Chavez, C. et al. (2001) High level expression of NRAMP1 in peripheral blood cells and guberculous granulomas from <i>Mycobacterium bovis</i> - infected bovines. <i>Infect. Immun.</i> 69 (11): 7165 - 7168.