

Polyclonal Antibody to Poly-ADP-Polymer (av. 20 monomer)

Catalog No.:	ADPR51-R
Quantity:	1 µg
Concentration:	1.0 mg/ml
Background:	The distribution of ovine DQ molecules on T lymphocytes has been shown to differ with immune status and age. Expression of DQ is upregulated after recent activation.
Immunogen:	Ovine efferent duct lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide
Applications:	Immunoprecipitation. Immunohistochemistry on frozen sections. Flow Cytometry: 1/100 - 1/200; Use 100µl of the suggested working dilution to label 1 x 10 ⁶ cells in 100µl. 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 MHC class II DQ molecules. This clone has been reported to react with paraffin-embedded material following alcohol fixation. Please refer to reference Sainte Marie et al for information about this protocol. Species: Sheep, Bovine, Goat. Others not tested.
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. Shelf life: one year from despatch.
General References:	1. Puri, N. et al. (1985) Sheep lymphocyte antigens (OLA) II. Major histocompatibility complex class II molecules. <i>Immunology</i> . 56: 725 - 733. 2. Puri, N. et al. (1987) Monoclonal antibodies to sheep MHC class I and class II molecules: biochemical characterization of three class I gene products and four distinct subpopulations of class II molecules. <i>Vet. Immunol. Immunopathol.</i> 15: 59 - 86. 3. Sainte Marie, G. et al. (1962) A paraffin embedding technique for studies employing immunofluorescence. <i>J. Histochem. Cytochem.</i> 10: 250 4. Puri, N. et al. (1987) Sheep MHC II class molecules II. Identification and characterization of four distinct subsets of sheep MHC class II molecules. <i>Immunology</i> . 62: 575 - 580. 5. Puri, N. et al. (1987) Monoclonal antibodies to sheep MHC class II molecules recognize all HLA-D or subsets of HLA-D region products. <i>Hum. Immunol.</i> 20: 195 - 207.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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6. Ballingall, K. et al. (1995) Analysis of the fine specificities of sheep major histocompatibility complex class II - specific monoclonal antibodies using mouse L-cell transfectants Anim. Genet. 26: 79-84.

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