

Monoclonal Antibody to Ovine CD4 - RPE

Catalog No.:	SM2059R
Quantity/Conc.:	100 tests / 0.1 mg/ml
Clone:	44.38
Immunogen:	Fetal thymocytes
Host/Isotype:	Mouse IgG2a
Format:	This antibody is supplied lyophilized from a Protein G affinity purified immunoglobulin fraction conjugated to R. Phycoerythrin (RPE) in PBS pH7.4 with 1% BSA as stabilizer and 0.09% sodium azide as preservative. Reconstitute with 1.0 ml distilled water.
Applications:	Flow Cytometry (Neat – 1:5, use 10ul to label 1×10^6 cells in 100ul). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes the ovine CD4 cell surface glycoprotein, which is expressed by a subset of mature T lymphocytes. Other species not tested.
Storage:	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. This product should be stored undiluted. DO NOT FREEZE. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
References:	<ol style="list-style-type: none">1. Maddox, J. <i>et al.</i> (1985). Surface antigens, SBU-T4 and SBU-T8, of sheep T lymphocyte subsets defined by monoclonal antibodies. <i>Immunology</i>. 55: 739 - 748.2. Mackay, C. <i>et al.</i> (1986). Three distinct subpopulations of sheep T lymphocytes. <i>Eur. J. Immunol.</i> 16: 19 - 25.3. Mackay, C. <i>et al.</i> (1987). A monoclonal antibody to the p220 component of sheep LCA identifies B cells and a unique lymphocyte subset. <i>Cell. Immunol.</i> 110: 46 - 55.4. Mackay, C. <i>et al.</i> (1986). Thymocyte subpopulations during early fetal development in sheep. <i>J. Immunol.</i> 136 (5): 1592 - 1599.

SM2059R/CH0405

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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