

Monoclonal Antibody to Ovine CD45 - RPE

Catalog No.:	SM2055R
Quantity/Conc.:	100 tests / 0.1 mg/ml
Clone:	1.11.32
Immunogen:	Ovine efferent lymphatic duct lymphocytes.
Host/Isotype:	Mouse IgG1
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, 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 CD45 (Leucocyte common antigen), which is expressed on all ovine lymphocytes, macrophages and granulocytes. Also reacts with bovine and caprine CD45. 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). The sheep analogue of leucocyte common antigen (LCA). <i>Immunology</i>. 55: 347 - 353.2. 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 -55.3. Mackay, C. <i>et al.</i> (1989). Gamma/delta T cells express a unique surface molecule appearing late during thymic development. <i>Eur. J. Immunol.</i> 19: 1477 - 1483.

SM2055R/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
Free Call: 0800-2274746 (Germany only)
service@acris-antibodies.de

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