

## Monoclonal Antibody to Ovine WC1 - FITC

<b>Catalog No.:</b>	SM2054F
<b>Quantity/Conc.:</b>	0.1 mg / 0.1 mg/ml
<b>Clone:</b>	19.19
<b>Immunogen:</b>	Ovine thymocytes
<b>Host/Isotype:</b>	Mouse IgG1
<b>Format:</b>	This antibody is supplied as liquid, Protein G affinity purified IgG fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC), in PBS pH7.4 with 0.09% Sodium Azide as preservative and 1% BSA as stabilizer.
<b>Applications:</b>	Flow Cytometry (Neat, use 10ul to label $1 \times 10^6$ cells in 100ul). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes the ovine WC1 cell surface antigen, a 215kD glycoprotein which is expressed by a population of gamma/delta T lymphocytes. Also reacts with bovine (1) and caprine (1) WC1. Other species not tested.
<b>Storage:</b>	Store the antibody at 4-8°C for one month or at -20°C for longer. This product should be stored undiluted. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>References:</b>	<ol style="list-style-type: none"><li>1. Mackay, C. <i>et al.</i> (1986). Three distinct subpopulations of sheep T lymphocytes. <i>Eur. J. Immunol.</i> 16: 19 - 25.</li><li>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.</li></ol>

SM2054F/CH0405

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**Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.**

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