

## Monoclonal Antibody to Ovine CD44 - FITC

<b>Catalog No.:</b>	SM2056F
<b>Quantity/Conc.:</b>	0.1 mg / 0.1 mg/ml
<b>Clone:</b>	25.32
<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 – 1:10, 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 CD44 cell surface antigen, a 95kD glycoprotein expressed by most leucocytes and a subpopulation of thymocytes. In immunohistochemical staining, this antibody labels several cell types including medullary thymocytes, kupffer cells, kidney tubular epithelial cells and gut smooth muscle cells. The expression of CD44 is upregulated upon activation. Also reacts with bovine (1) and caprine (1) CD44. 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>	1. Mackay, C. <i>et al.</i> (1988). Characterization of a 95,000 kd molecule on sheep leucocytes homologous to murine Pgp-1 and human CD44. <i>Immunology</i> . 65: 93 - 99.

SM2056F/CH0405

**For research and *in vitro* use only. Not for diagnostic or therapeutic work.**  
**Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.**

---

Antibody Hotline • Technical Questions • Antibody Location Service  
Free Call: 0800-2274746 (Germany only)  
[service@acris-antibodies.de](mailto:service@acris-antibodies.de)

[www.acris-antibodies.com](http://www.acris-antibodies.com)