

## Monoclonal Antibody to Bovine CD4 -FITC-

<b>Catalog No.:</b>	SM435F
<b>Quantity/Conc.:</b>	1.0 ml, 100 Tests
<b>Clone:</b>	CC8
<b>Host/Isotype:</b>	Mouse IgG2a
<b>Format:</b>	This antibody is supplied as liquid, purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant, conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC/Protein: 3.4 : 1.0) - Buffer: Phosphate buffered saline pH7.4 with preservative 0.1% Sodium Azide (NaN <sub>3</sub> ) and 1% Bovine Serum Albumin (BSA) as stabiliser.
<b>Applications:</b>	Flow cytometry: use 10 µl of neat antibody to label 10 <sup>6</sup> cells. Other applications not tested. Optimal dilutions of this antibody are dependent on application and should be determined by the user.
<b>Specificity:</b>	SM435F recognises the bovine CD4 cell surface antigen, a ~50kD cell surface glycoprotein expressed by a subset of mature T lymphocytes.
<b>Storage:</b>	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Protect from light. Shelf life: one year from despatch.
<b>References:</b>	<ol style="list-style-type: none"><li>1. Howard, C.J. et al (1991). Summary of workshop findings for leukocyte antigens of cattle. Vet. Immunol. Immunopathol. 27: 21-27.</li><li>2. Bensaid, A., Hadam, M. (1991). Vet. Immunol. Immunopathol. 27: 51-54.</li><li>3. Eskra, L. et al. (1991). Vet. Immunol. Immunopathol. 27: 215-231.</li></ol>

SM435F/RWM0900

**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.**

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