

Monoclonal Antibody to WC1 - FITC

Catalog No.:	SM446F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	WC1 expression appears to be heterogeneous and antibodies of this cluster show differing reaction patterns. CC101 immunoprecipitates a 215 kD molecule from bovine cells, and also recognises the swine homologue of WC1, which is a 180kD molecule. In pigs the 180kD molecule is expressed by a gamma/delta TCR positive T-cell population that is also CD2-, CD4-, CD8-.
Host / Isotype:	Mouse / IgG2a
Clone:	CC101
Immunogen:	Con A stimulated bovine lymphocytes.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: Containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the WC1 cell surface antigen, expressed by a population of gamma/delta TCR expression cells which lack CD2, CD4 and CD8 but express CD3. Species: Bovine, Pig. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Carr, M.M. et al. (1994) Expression on porcine gamma/delta lymphocytes of a phylogenetically conserved surface antigen previously restricted in expression to ruminant gamma/delta T lymphocytes. <i>Immunology</i> 81: 36 -40. 2. Howard, C.J. and Naessens, J. (1993) Summary of workshop findings of cattle. <i>Vet. Immunol. Immunopathol.</i> 39: 25 - 48.

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) - www.acris-antibodies.com