

## Product datasheet for **SM446F**

### WC1 Mouse Monoclonal Antibody [Clone ID: CC101]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CC101
Applications:	FC
Recommended Dilution:	Flow Cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.
Reactivity:	Bovine, Porcine
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Con A stimulated bovine lymphocytes.
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.
Formulation:	Containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
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-.



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Synonyms: WC1 antigen