

## ARG22478 anti-WC1 antibody [CC15] (FITC)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [CC15] recognizes WC1 This antibody recognizes bovine WC1, a ~215/300 kDa antigen expressed on the majority of gamma/delta T lymphocytes. These cells also express low levels of CD5, but are negative for other B and T cell markers. The WC1 antigen is reported to be involved in a number of processes, including activation of gamma/delta T cells and the development of a Th1-biased acquired immune response (Rogers et al. 2005). Mouse anti Bovine WC1 antibody, clone CC15 is routinely tested in flow cytometry on bovine peripheral blood lymphocytes.
Tested Reactivity	Bov, Goat, Sheep
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	CC15
Isotype	IgG2a
Target Name	WC1
Species	Bovine
Immunogen	Bovine lymphocytes
Conjugation	FITC
Alternate Names	M160; CD163B; CD163 antigen-like 1; Scavenger receptor cysteine-rich type 1 protein M160; CD antigen CD163b

### Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>1:25 - 1:200</td></tr> </table>	Application	Dilution	FACS	1:25 - 1:200
Application	Dilution				
FACS	1:25 - 1:200				
Application Note	FACS: Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.09% Sodium azide and 1% BSA.
Preservative	0.09% Sodium azide
Stabilizer	1% BSA
Concentration	0.1 mg/ml

Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	CD163L1
Gene Full Name	CD163 molecule-like 1
Background	This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. The SRCR family is defined by a 100-110 amino acid SRCR domain, which may mediate protein-protein interaction and ligand binding. The encoded protein contains twelve SRCR domains, a transmembrane region and a cytoplasmic domain. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]
Calculated Mw	~ 215 / 300 kDa

## Images

ARG22478 anti-WC1 antibody [CC15] (FITC) FACS image

Flow Cytometry: Bovine peripheral blood lymphocytes stained with ARG22478 anti-WC1 antibody [CC15] (FITC).

