

ARG22515 anti-WC1 antibody [CC101] (FITC)

Package: 50 µg
Store at: 4°C

Summary

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| Product Description | FITC-conjugated Mouse Monoclonal antibody [CC101] recognizes WC1 This antibody recognizes a subset of WC1+ T-cells expressing the WC1.1 isoform (MacHugh, N. et al. 1993). The bovine WC1 cell surface antigen is expressed by a population of gamma/delta T-cells that lack CD2, CD4 and CD8, but express CD3. WC1 expression appears to be heterogeneous and antibodies to this cluster show differing reaction patterns (Crocker, G. et al. 1993). Mouse anti bovine WC1, clone CC101, immunoprecipitates a 215 kDa molecule from bovine cells and also recognizes the swine homolog of WC1, which is a 180 kDa molecule. In pigs, the 180 kDa molecule is expressed by a gamma/delta TCR positive T-cell population that also lack CD2, CD4 and CD8 (Carr, M.M. et al. 1994). |
| Tested Reactivity | Bov, Pig, Sheep |
| Tested Application | FACS |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | CC101 |
| Isotype | IgG2a |
| Target Name | WC1 |
| Species | Bovine |
| Immunogen | Con A stimulated 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 | Application | Dilution |
|-------------------|---|-----------------|
| | FACS | Assay-dependent |
| Application Note | FACS: Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS, 0.09% Sodium azide and 1% BSA. |
| Preservative | 0.09% Sodium azide |
| Stabilizer | 1% BSA |

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| 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

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| 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 | 159 kDa |