

ARG20888 anti-CD25 antibody [3C7] (FITC)

Package: 250 µg
Store at: 4°C

Summary

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| Product Description | FITC-conjugated Rat Monoclonal antibody [3C7] recognizes CD25 |
| Tested Reactivity | Ms |
| Tested Application | BL, FACS, IHC-Fr, Neut |
| Specificity | Mouse CD25. The clone 3C7 reacts with an epitope of CD25 which is distinct from that recognized by clone 7D4. 3C7, used in combination with 7D4 in culture, results in higher levels of inhibition of proliferation driven by IL-2 and generation of alloreactive CTL than either of these monoclonal antibodies alone. |
| Host | Rat |
| Clonality | Monoclonal |
| Clone | 3C7 |
| Isotype | IgG2b, kappa |
| Target Name | CD25 |
| Species | Mouse |
| Immunogen | IL-2 dependent BALB/c helper T cell clone HT2 |
| Conjugation | FITC |
| Alternate Names | IL-2-RA; IL-2 receptor subunit alpha; CD25; TCGFR; TAC antigen; IL2R; CD antigen CD25; Interleukin-2 receptor subunit alpha; IL-2R subunit alpha; p55; IL2-RA; IDDM10 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|------------------------------|
| | BL | Assay-dependent |
| | FACS | < 3 µg/10 ⁶ cells |
| | IHC-Fr | Assay-dependent |
| | Neut | Assay-dependent |
| Application Note | * 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 |
| Buffer | PBS and 0.1% Sodium azide. |
| Preservative | 0.1% Sodium azide |
| Concentration | 0.5 mg/ml |

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| 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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| Database links | GeneID: 16184 Mouse Swiss-port # P01590 Mouse |
| Gene Symbol | IL2RA |
| Gene Full Name | interleukin 2 receptor, alpha chain |
| Background | <p>The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.[provided by RefSeq, Nov 2009]</p> |
| Function | Receptor for interleukin-2. [UniProt] |
| Research Area | Immune System antibody; Pre-B Cell Marker antibody |
| Calculated Mw | 31 kDa |