Datasheet: MCA04GT BATCH NUMBER 160810

| Description: | MOUSE ANTI RAT CD90 |
|---------------|---------------------|
| Specificity: | CD90 |
| Other names: | THY1, THY1.1 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | T11D7e |
| Isotype: | IgM |
| Quantity: | 25 µg |

Product Details

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-rad-antibodies.com/protocols</u>.

| | | Yes | No | Not Determined | Suggested Dilution |
|-----------------------------|---|---|--|---|--|
| | Flow Cytometry | | | | 1/5 |
| | Immunohistology - Frozen | | | • | |
| | Immunohistology - Paraffin | | | | |
| | ELISA | | | • | |
| | Immunoprecipitation | | | • | |
| | Western Blotting | | | | |
| | Cytotoxic Assays | | | | |
| | Where this antibody has a necessarily exclude its us a guide only. It is recomm system using appropriate | not been se in such nended th negative | tested for procedu at the use /positive o | use in a particular tec res. Suggested workin er titrates the antibody controls. | hnique this does not g dilutions are given as for use in their own |
| Target Species | Rat | | | | |
| Species Cross Reactivity | Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. | | | | |
| Product Form | lg fraction - liquid | | | | |

| Preparation | Ig fraction prepared by ammonium sulphate precipitation from | tissue culture supernatant |
|-----------------------------------|--|--|
| Buffer Solution | Phosphate buffered saline | |
| Preservative Stabilisers | 0.09% Sodium Azide | |
| Approx. Protein Concentrations | IgM concentration 1 mg/ml | |
| Immunogen | Xenogeneic rat thymocytes. | |
| External Database Links | UniProt: <u>P01830</u> <u>Related reagents</u> | |
| | Entrez Gene: 24832 Thy1 <u>Related reagents</u> | |
| Synonyms | Thy-1 | |
| RRID | AB_2201293 | |
| Fusion Partners | Spleen cells from immunised CBA mice were fused with cells cell line. | of the mouse NS1 myeloma |
| Specificity | Mouse anti Rat CD90 antibody, clone T11D7e recognizes m known as Thy1.1. Thy1.1 is a monomorphic determinant in rat Clone T11D7e reacts with Thy1.1 mice e.g. AKR and FVB mic as CBA and BALB/c. | ouse and rat CD90 also but polymorphic in mice. e, but not Thy1.2 mice such |
| | Clone T11D7e is useful for removal of T lymphocytes from cell mediated cytotoxicity (<u>Lake <i>et al.</i> 1979</u>). | populations by complement |
| | Mouse anti Rat CD90 antibody, clone T11D7e is routinely teste mouse thymocytes. | ed in flow cytometry using |
| References | Lake, P. <i>et al.</i> (1979) Production and characterization of cyta secreting hybrid cell lines. Detection of T cell subsets. <u>Eur J In</u> Yasumizu, R. <i>et al.</i> (1988) Development of donor-derived the allogeneic bone marrow transplantation in AKR/J mice. <u>J Immu</u> Fabian, R.H. (1990) Uptake of antineuronal IgM by CNS new antineuronal IgG. <u>Neurology. 40 (3 Pt 1): 419-22.</u> Ogasawara, K. <i>et al.</i> (1990) la restriction specificity of KLH- allogeneic bone marrow chimeras is influenced by histocompatibility loci. <u>Microbiol Immunol. 34 (12): 1025-39.</u> Mahanthappa, N.K. <i>et al.</i> (1996) Glial growth factor 2, a solut increases Schwann cell motility and indirectly promotes neuriter | otoxic Thy-1 antibody- <u>munol. 9 (11): 875-86.</u> ymic lymphomas after <u>unol. 141 (6): 2181-6.</u> urons: comparison with specific T cells from tibility at the H-2 and minor uble neuregulin, directly e outgrowth. <u>J Neurosci. 16:</u> |

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Storage Store at +4°C.

DO NOT FREEZE.

| | This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use. | |
|----------------------------------|---|--|
| Guarantee | 12 months from date of despatch | |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA04GT 10040 | |
| Regulatory | For research purposes only | |

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR138...)Alk. Phos.Goat Anti Mouse IgG IgA IgM (STAR87...)HRP

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|---------------|----------------------------------|-----------|----------------------------------|--------|--------------------------------------|
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| | Email: antibody_sales_us@bio-rad | .com | Email: antibody_sales_uk@bio-rad | .com | Email: antibody_sales_de@bio-rad.com |

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