# ARG22886
# anti-CD90 / Thy 1 (Thy 1.1) antibody [T11D7e]

Package: 100 µg
Store at: -20°C

## Summary

| | |
|---|---|
| Product Description | Mouse Monoclonal antibody [T11D7e] recognizes CD90 / Thy 1 (Thy 1.1) |
| Tested Reactivity | Ms, Rat |
| Tested Application | FACS |
| Specificity | The clone T11D7e recognizes mouse and rat CD90 also known as Thy1. Thy1 is a monomorphic determinant in rat but polymorphic in mice. Clone T11D7e reacts with Thy1.1 mice e.g. AKR and FVB mice, but not Thy1.2 mice such as CBA and BALB/c. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | T11D7e |
| Isotype | IgM |
| Target Name | CD90 / Thy 1 (Thy 1.1) |
| Species | Rat |
| Immunogen | Xenogeneic Rat thymocytes. |
| Conjugation | Un-conjugated |
| Alternate Names | Thy-1 membrane glycoprotein; Thy-1 antigen; CD antigen CD90; CDw90; CD90 |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| FACS | 1:5 |

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

## Properties

| | |
|---|---|
| Form | Liquid |
| Purification | Purified by ammonium sulfate precipitation |
| Buffer | PBS and 0.09% Sodium azide |
| Preservative | 0.09% Sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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 | Thy1 |
| Gene Full Name | Thy-1 cell surface antigen |
| Background | This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015] |
| Function | May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. [UniProt] |
| Calculated Mw | 18 kDa |