

## Rabbit anti-Mouse THY1 Polyclonal Antibody | anti-THY1 antibody

THY1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                             |
|-----------|--------|------------|------------------------------------------|
| AAA174396 | Rabbit | Mouse      | Immunofluorescence, Immunohistochemistry |

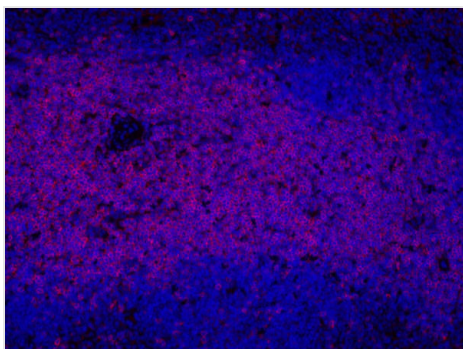
### PRODUCT SYNONYMS

THY1; Polyclonal Antibody; THY1 Polyclonal Antibody; CD7; CD90; CD90 antigen; CDw90; FLJ33325; MGC128895; T25; Theta antigen; Thy 1; Thy 1 cell surface antigen; Thy 1 membrane glycoprotein; Thy 1 T cell antigen; Thy 1.2; Thy-1 antigen; Thy-1 membrane glycoprotein; Thy1; Thy1 antigen; Thy1 T cell antigen; Thy1.1; Thy1.2; Thymus cell antigen 1; theta; anti-THY1 antibody

### PRODUCT SPECIFICATIONS

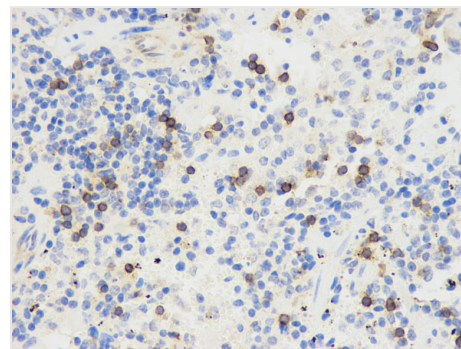
|                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| Host                                           | Rabbit                                                        |
| Reactivity                                     | Mouse                                                         |
| Clonality                                      | Polyclonal                                                    |
| Isotype                                        | IgG                                                           |
| Purity/Purification                            | Affinity Purification                                         |
| Form/Format                                    | PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol. |
| Concentration                                  | 1.6 mg/mL (varies by lot)                                     |
| Sequence Length                                | 162                                                           |
| Applicable Applications for anti-THY1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)           |
| Immunogen                                      | KLH conjugated synthetic peptide corresponding to Mouse Thy1  |
| Conjugation                                    | Unconjugated                                                  |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.              |

### IMAGES



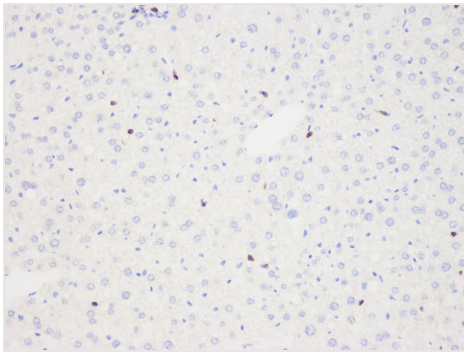
**IF (Immunofluorescence)**

Immunofluorescence analysis of paraffin-embedded mouse spleen using THY1 Polyclonal Antibody at dilution of 1:300.



**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded mouse spleen using THY1 Polyclonal Antibody at dilution of 1:500.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse liver using THY1 Polyclonal Antibody at dilution of 1:500.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-THY1 antibody</b> | Thy-1 or CD90 (Cluster of Differentiation 90) is a 25-37 kDa heavily N-glycosylated, glycosphosphatidylinositol(GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. Thy-1 can be used as a marker for a variety of stem cells and for the axonal processes of mature neurons. Structural study of Thy-1 lead to the foundation of the Immunoglobulin superfamily, of which it is the smallest member, and led to some of the initial biochemical description and characterization of a vertebrate GPI anchor and also the first demonstration of tissue specific differential glycosylation. |
| <b>Product Categories/Family for anti-THY1 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Immunology</a> ; <a href="#">Neuroscience</a> ; <a href="#">Stem Cells</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## NCBI AND UNIPROT INFORMATION

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">6678347</a>                   |
| <b>NCBI GeneID</b>                      | <a href="#">21838</a>                     |
| <b>NCBI Accession #</b>                 | <a href="#">NP_033408.1</a>               |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_009382.3</a>               |
| <b>UniProt Accession #</b>              | <a href="#">P01831</a>                    |
| <b>Molecular Weight</b>                 | 18,080 Da                                 |
| <b>NCBI Official Full Name</b>          | thy-1 membrane glycoprotein preproprotein |
| <b>NCBI Official Synonym Full Names</b> | thymus cell antigen 1, theta              |
| <b>NCBI Official Symbol</b>             | Thy1                                      |
| <b>NCBI Official Synonym Symbols</b>    | T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2 |
| <b>NCBI Protein Information</b>         | thy-1 membrane glycoprotein               |
| <b>UniProt Protein Name</b>             | Thy-1 membrane glycoprotein               |
| <b>UniProt Gene Name</b>                | <b>Thy1</b>                               |
| <b>UniProt Synonym Gene Names</b>       | Thy-1                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/thy1-antibody-immunofluorescence-immunohistochemistry-elisa/174396>