

Rabbit anti-Mouse Thy1/CD90 Polyclonal Antibody | anti-THY1 antibody

Anti-Thy1/CD90 Antibody, Rabbit Polyclonal

CATALOG # AAA257161	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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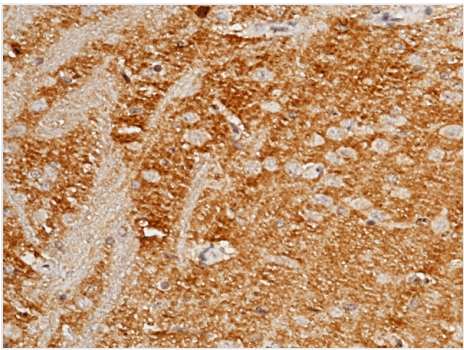
PRODUCT SYNONYMS

Thy1/CD90; Polyclonal Antibody; Anti-Thy1/CD90 Antibody; Rabbit Polyclonal; CD90/THY-1 Antibody; Rabbit PAb; Antigen Affinity Purified; Thy-1 cell surface antigen; Anti-CD90 Antibody; Anti-T25 Antibody; Anti-Thy-1 Antibody; Anti-Thy-1.2 Antibody; Anti-Thy1.1 Antibody; Anti-Thy1.2 Antibody; anti-THY1 antibody

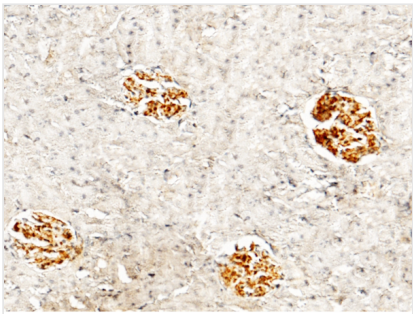
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse THY1/CD90
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-THY1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse THY1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse THY1 (rM THY1). THY1 specific IgG was purified by mouse THY1 affinity chromatography .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

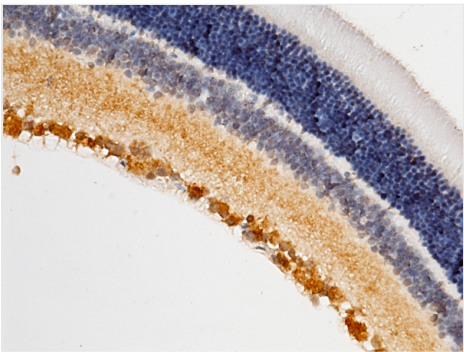
IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of mouse THY1 in rat brain with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of mouse THY1 in rat kidney with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections). Positive staining was localized to renal glomerulus.



IHC (Immunohistochemistry)
Immunochemical staining of mouse THY1 in rat retina with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections). Positive staining was localized to ganglion cells.

ADDITIONAL INFORMATION

Related Product Information for anti-THY1 antibody	Thy-1 membrane glycoprotein, also known as Thy-1 antigen, CD90 and THY1, is a cell membrane protein which contains 1 Ig-like V-type (immunoglobulin-like) domain. It is a glycoposphatidylinositol-linked glycoprotein expressed on the surface of neurons, thymocytes, subsets of fibroblasts, endothelial cells, mesangial cells and some hematopoietic cells. It has been identified on a variety of stem cells and at varying levels in non-lymphoid tissues such as on fibroblasts, brain cells, and activated endothelial cells. Thy-1 is evolutionarily conserved, developmentally regulated, and often has dramatic effects on cell phenotype. Thy-1 is a 25-37 kDa glycosylphosphatidylinositol (GPI)-anchored protein involved in T cell activation, neurite outgrowth, apoptosis, tumor suppression, wound healing, and fibrosis. To mediate these diverse effects, Thy-1 participates in multiple signaling cascades. Thy-1 is an important regulator of cell-cell and cell-matrix interactions, with important roles in nerve regeneration, metastasis, inflammation, and fibrosis.
References	Rege TA, et al. (2006) Thy-1 as a regulator of cell-cell and cell-matrix interactions in axon regeneration, apoptosis, adhesion, migration, cancer, and fibrosis. FASEB J. 20(8): 1045-54.Fiegel HC, et al. (2008) Lack of Thy1 (CD90) expression in neuroblastomas is correlated with impaired survival. Pediatr Surg Int. 24(1): 101-5.Bradley JE, et al. (2009) Roles and regulation of Thy-1, a context-dependent modulator of cell phenotype. Biofactors. 35(3): 258-65.Kisselbach L, et al. (2009) CD90 Expression on human primary cells and elimination of contaminating fibroblasts from cell cultures. Cytotechnology. 59(1): 31-44.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678347
NCBI GeneID	21838
NCBI Accession #	NP_033408.1

NCBI GenBank Nucleotide #	NM_009382.3
UniProt Accession #	P01831
Molecular Weight	18,080 Da
NCBI Official Full Name	thy-1 membrane glycoprotein preproprotein
NCBI Official Synonym Full Names	thymus cell antigen 1, theta
NCBI Official Symbol	Thy1
NCBI Official Synonym Symbols	T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2
NCBI Protein Information	thy-1 membrane glycoprotein; Thy 1.2; thy-1 antigen
UniProt Protein Name	Thy-1 membrane glycoprotein
UniProt Gene Name	Thy1
UniProt Synonym Gene Names	Thy-1
UniProt Entry Name	THY1_MOUSE

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://stage.aaabiotech.com/polyclonal/thy1-cd90-antibody-immunohistochemistry-elisa/257161>