

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

Thy1/CD90 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258688	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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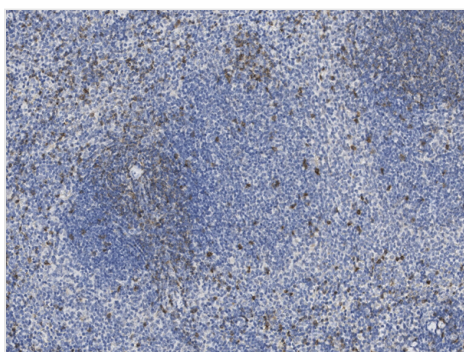
PRODUCT SYNONYMS

Thy1/CD90; Polyclonal Antibody; Thy1/CD90 Antibody; Rabbit PAb; Antigen Affinity Purified; 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/CD90 antibody

PRODUCT SPECIFICATIONS

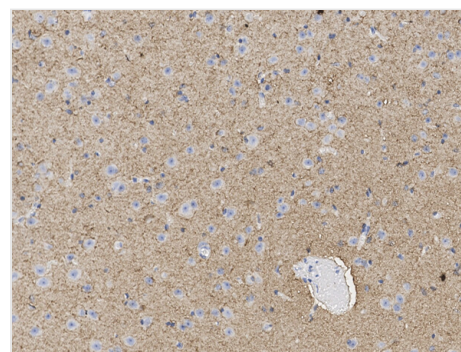
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	Mouse Thy1/CD90
Applicable Applications for anti-Thy1/CD90 antibody	IHC (Immunohistochemistry), ELISA
Preparation	Produced in rabbits immunized with purified, recombinant Mouse Thy1/CD90 (rM Thy1/CD90;NP_033408.1; Met1-Cys131). Thy1/CD90 specific IgG was purified by Mouse Thy1/CD90 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 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse hy1 in mouse spleen with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse hy1 in mouse brain with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-Thy1/CD90 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.
Product Categories/Family for anti-Thy1/CD90 antibody	Drug Targets; Immune Cell Marker Stem Cell; CD molecules

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/258688>