

Goat THY1 / CD90 Polyclonal Antibody | anti-THY1 antibody

Goat Polyclonal to Human THY1 / CD90

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51017	Goat	Gibbon, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Dog, Horse (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

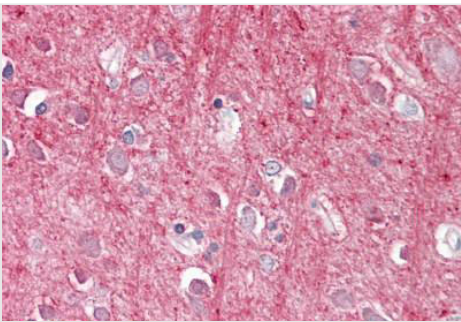
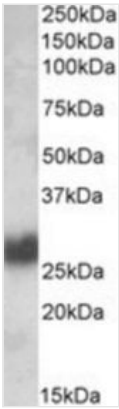
PRODUCT SYNONYMS

THY1 / CD90; Polyclonal Antibody; Goat Polyclonal to Human THY1 / CD90; Anti-THY1 / CD90 Antibody (Internal) IHC-plus; THY1; CD90 antigen; CD90; CDw90; Thy-1 antigen; Thy-1 T-cell antigen; Thy-1; Thy-1 cell surface antigen; Thy-1 membrane glycoprotein; Human THY1; anti-THY1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Dog, Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human THY1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	161
Applicable Applications for anti-THY1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-PEHTYRSRTNFTSKY from an internal region of human THY1 (NP_006279.2). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%); Panda, Dog, Horse (93%); Pig (87%).
Immunogen Type	Synthetic peptide
Immunogen	THY1 / CD90 antibody was raised against synthetic peptide C-PEHTYRSRTNFTSKY from an internal region of human THY1 (NP_006279.2). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%); Panda, Dog, Horse (93%); Pig (87%); Elephant, Rabbit, Guinea pig (80%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Thy-1 / CD90 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3.75 ug/ml.

WB (Western Blot)
THY1 antibody (0.1 ug/ml) staining of Human Tonsil lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-THY1 antibody	THY1 or CD90 is a 25 -37 kDa heavily N-glycosylated, glycoposphatidylinositol (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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923362
NCBI GeneID	7070
NCBI Accession #	NP_006279.2
NCBI GenBank Nucleotide #	NM_006288.3
UniProt Accession #	P04216; Q16008; Q9NSP1
Molecular Weight	17,935 Da
NCBI Official Full Name	thy-1 membrane glycoprotein preproprotein
NCBI Official Synonym Full Names	Thy-1 cell surface antigen
NCBI Official Symbol	THY1
NCBI Official Synonym Symbols	CD90
NCBI Protein Information	thy-1 membrane glycoprotein; CDw90; thy-1 antigen; Thy-1 T-cell antigen
UniProt Protein Name	Thy-1 membrane glycoprotein
UniProt Gene Name	THY1
UniProt Entry Name	THY1_HUMAN

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.