

**Goat Anti-CD90 / Thy1 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1218a****Specification**

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**Goat Anti-CD90 / Thy1 Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">P04216</a>
Other Accession	<a href="#">NP_006279</a> , <a href="#">7070</a>
Reactivity	Human
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	17935

**Goat Anti-CD90 / Thy1 Antibody - Additional Information****Gene ID** 7070**Other Names**

Thy-1 membrane glycoprotein, CDw90, Thy-1 antigen, CD90, THY1

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-CD90 / Thy1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-CD90 / Thy1 Antibody - Protein Information****Name** THY1**Function**

May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.

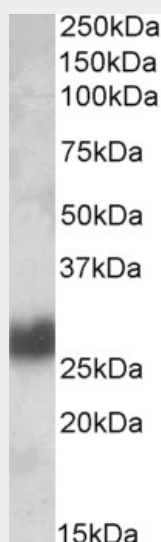
**Cellular Location**

Cell membrane; Lipid-anchor, GPI- anchor

**Goat Anti-CD90 / Thy1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat Anti-CD90 / Thy1 Antibody - Images**

AF1218a (0.1 µg/ml) staining of Human Tonsil lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Goat Anti-CD90 / Thy1 Antibody - References**

Evaluation of 6 candidate genes on chromosome 11q23 for coeliac disease susceptibility: a case control study. Brophy K, et al. BMC Med Genet, 2010 May 17. PMID 20478055.

Thy-1-integrin alpha5 beta1 interactions inhibit lung fibroblast contraction-induced latent transforming growth factor-beta1 activation and myofibroblast differentiation. Zhou Y, et al. J Biol Chem, 2010 Jul 16. PMID 20463011.

An 8-gene signature, including methylated and down-regulated glutathione peroxidase 3, of gastric cancer. Zhang X, et al. Int J Oncol, 2010 Feb. PMID 20043075.

Functional characterization of THY1 as a tumor suppressor gene with antiinvasive activity in nasopharyngeal carcinoma. Lung HL, et al. Int J Cancer, 2010 Jul 15. PMID 19921696.

Gene expression down-regulation in CD90+ prostate tumor-associated stromal cells involves potential organ-specific genes. Pascal LE, et al. BMC Cancer, 2009 Sep 8. PMID 19737398.