

**THY1 / CD90 Antibody (clone 5E10)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS16998**

**Specification**

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**THY1 / CD90 Antibody (clone 5E10) - Product Information**

Application	IHC
Primary Accession	<a href="#">P04216</a>
Other Accession	<a href="#">7070</a>
Reactivity	Human, Pig, Dog
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	17935

**THY1 / CD90 Antibody (clone 5E10) - Additional Information**

**Gene ID** 7070

**Other Names**

THY1, CD90 antigen, CD90, CDw90, Thy-1 antigen, Thy-1 T-cell antigen, Thy-1, Thy-1 cell surface antigen, Thy-1 membrane glycoprotein

**Target/Specificity**

Monoclonal antibody 5E10 recognizes CD90/Thy-1, a GPI-anchored cell surface glycoprotein expressed predominantly on thymocytes, hematopoietic stem cells and neurons.

**Reconstitution & Storage**

PBS, pH 7.4. Store at 2-8°C. Do not freeze.

**Precautions**

THY1 / CD90 Antibody (clone 5E10) is for research use only and not for use in diagnostic or therapeutic procedures.

**THY1 / CD90 Antibody (clone 5E10) - 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

**Volume**

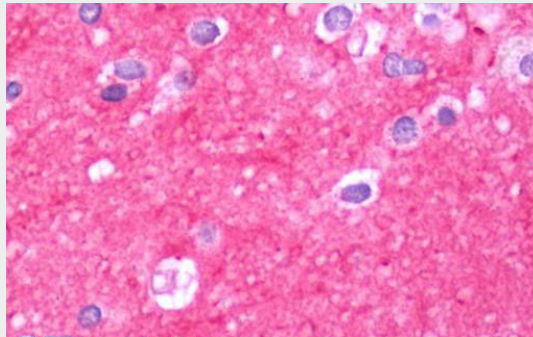
50 µl

## THY1 / CD90 Antibody (clone 5E10) - 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](#)

## THY1 / CD90 Antibody (clone 5E10) - Images



Anti-THY1 / CD90 antibody IHC staining of human brain, cortex.

## THY1 / CD90 Antibody (clone 5E10) - Background

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

## THY1 / CD90 Antibody (clone 5E10) - References

- Seki T., et al. Proc. Natl. Acad. Sci. U.S.A. 82:6657-6661(1985).  
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Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Craig W., et al. J. Exp. Med. 177:1331-1342(1993).  
Chen R., et al. J. Proteome Res. 8:651-661(2009).