

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

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

Application	WB, IHC-P, ICC, IP, IHC-F, FC
Primary Accession	P04216
Other Accession	7070
Reactivity	Human, Pig, Dog
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	17935
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A IP~~N/A IHC-F~~N/A FC~~1:10~50

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

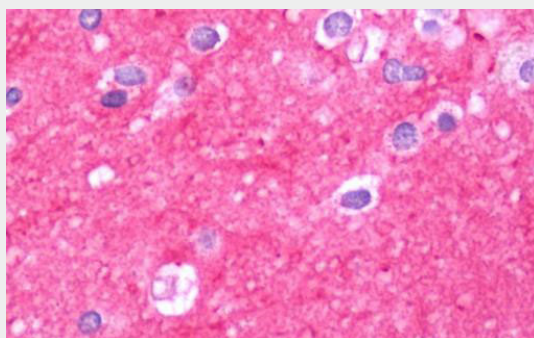
Volume

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).
Ye Z.,et al.Biochem. Biophys. Res. Commun. 275:223-227(2000).
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).