

**THY1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2050a****Specification**

---

**THY1 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [P04216](#)

**THY1 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 7070

**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2050a](/product/products/AP2050a) was selected from the N-term region of human THY1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**THY1 Antibody (N-term) Blocking Peptide - 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

**THY1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **THY1 Antibody (N-term) Blocking Peptide - Images**

#### **THY1 Antibody (N-term) Blocking Peptide - Background**

CD90 (Thy1) antigen is a GPI linked glycoprotein member of the Immunoglobulin superfamily. It is expressed on murine T cells, thymocytes, neural cells, cells of granulocytic lineage, early hematopoietic progenitors, fibroblasts, neurons and Kupffer's cells. Thy1 may play a role in cell to cell or cell to ligand interactions during synaptogenesis and other events in the brain.

#### **THY1 Antibody (N-term) Blocking Peptide - References**

Koumas, L., et al., Am. J. Pathol. 163(4):1291-1300 (2003).Abeyasinghe, H.R., et al., Cancer Genet. Cytogenet. 143(2):125-132 (2003).Saalbach, A., et al., Microvasc. Res. 64(1):86-93 (2002).Henniker, A.J., J. Biol. Regul. Homeost. Agents 15(4):392-393 (2001).Ye, Z., et al., Biochem. Biophys. Res. Commun. 275(1):223-227 (2000).