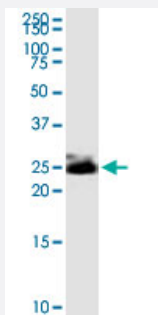


THY1 monoclonal antibody (M01), clone 3F9

Catalog # H00007070-M01

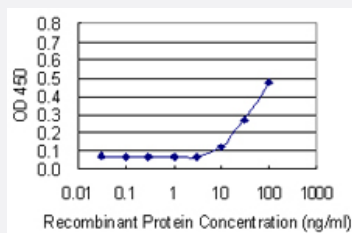
Size 100 ug

Applications



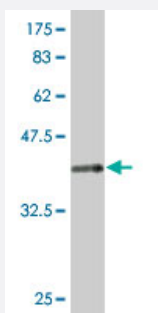
Western Blot (Cell lysate)

THY1 monoclonal antibody (M01), clone 3F9. Western Blot analysis of THY1 expression in IMR-32.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged THY1 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (43.34 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant THY1.

Immunogen	THY1 (AAH05175, 1 a.a. ~ 161 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNLAISIALLLTVLQVSRGQKVTSLTACLVDQSLRLDCRHENTSSSPIQYEFSLTRETKKHVLFGTV GVPEHTYRSRTNFTSKYNMKVLYLSAFTSKDEGTYTCALHHS GHSPPISSQNVTVLRDKLVKCEGI SLLAQNTSWLLLLLLLSLLQATDFMSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (71)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (43.34 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

THY1 monoclonal antibody (M01), clone 3F9. Western Blot analysis of THY1 expression in IMR-32.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged THY1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — THY1

Entrez GeneID

[7070](#)

GeneBank Accession#	BC005175
Protein Accession#	AAH05175
Gene Name	THY1
Gene Alias	CD90, FLJ33325
Gene Description	Thy-1 cell surface antigen
Omim ID	188230
Gene Ontology	Hyperlink
Other Designations	Thy-1 T-cell antigen Thy-1 membrane glycoprotein

Publication Reference

- [CD90 is identified as a marker for cancer stem cells in primary high-grade gliomas using tissue microarrays.](#)

He J, Liu Y, Zhu T, Zhu J, Dimeco F, Vescovi AL, Heth JA, Muraszko KM, Fan X, Lubman DM.

Molecular & Cellular Proteomics 2011 Dec; 11(6):M111.

Application: WB, Human, HSR-GBM1 cells

- [Protein profiling of microdomains purified from renal cell carcinoma and normal kidney tissue samples.](#)

Raimondo F, Morosi L, Chinello C, Perego R, Bianchi C, Albo G, Ferrero S, Rocco F, Magni F, Pitto M.

Molecular BioSystems 2011 Dec; 8(4):1007.

Application: WB, Human, Tissues includes Renal cell carcinoma (RCC) and Adjacent normal kidney (ANK)

- [Differential Profiling Studies of N-linked Glycoproteins in Glioblastoma Cancer Stem Cells upon Treatment with Gamma-Secretase Inhibitor.](#)

Dai L, Liu Y, He J, Flack CG, Talsma CE, Crowley JG, Muraszko KM, Fan X, Lubman DM.

Proteomics 2011 Oct; 11(20):4021.

Application: WB-Ce, Human, Human cancer stem cells

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)