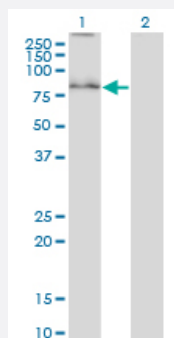


# SYVN1 monoclonal antibody (M01A), clone 4H4

Catalog # H00084447-M01A

Size 200 uL

## Applications

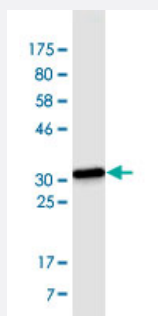


### Western Blot (Transfected lysate)

Western Blot analysis of SYVN1 expression in transfected 293T cell line by SYVN1 monoclonal antibody (M01A), clone 4H4.

Lane 1: SYVN1 transfected lysate(67.685 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (34.65 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant SYVN1.
<b>Immunogen</b>	SYVN1 (NP_079434, 238 a.a. ~ 318 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	HTFPLFAIRPMYLA MRQFKKAVTDAIMSRRAIRNMNTLYPDATPEELQAMDNVCIICREEMVTGAKRLPCNHIFHTSCLRS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SYVN1 expression in transfected 293T cell line by SYVN1 monoclonal antibody (M01A), clone 4H4.

Lane 1: SYVN1 transfected lysate(67.685 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — SYVN1

Entrez GeneID	<a href="#">84447</a>
GeneBank Accession#	<a href="#">NM_032431</a>
Protein Accession#	<a href="#">NP_079434</a>
Gene Name	SYVN1
Gene Alias	HRD1, KIAA1810, MGC40372
Gene Description	synovial apoptosis inhibitor 1, synoviolin
Omim ID	<a href="#">608046</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes a protein involved in endoplasmic reticulum (ER)-associated degradation. The encoded protein removes unfolded proteins, accumulated during ER stress, by retrograde transport to the cytosol from the ER. This protein also uses the ubiquitin-proteasome system for additional degradation of unfolded proteins. This gene and the mitochondrial ribosomal protein L49 gene use in their respective 3' UTRs some of the same genomic sequence. Sequence analysis identified two transcript variants that encode different isoforms. [provided by RefSeq]

**Other Designations**

synoviolin 1

## Pathway

- [Ubiquitin mediated proteolysis](#)