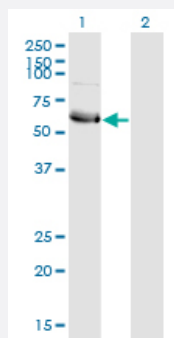


# HSFY1 monoclonal antibody (M10), clone 1D2

Catalog # H00086614-M10

Size 100 ug

## Applications

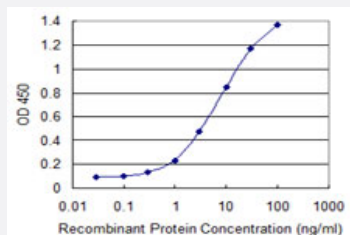


### Western Blot (Transfected lysate)

Western Blot analysis of HSFY1 expression in transfected 293T cell line by HSFY1 monoclonal antibody (M10), clone 1D2.

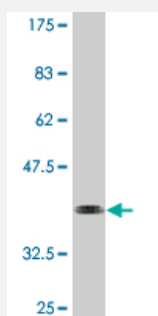
Lane 1: HSFY1 transfected lysate(45.1 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSFY1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HSFY1.

<b>Immunogen</b>	HSFY1 (NP_001001871.1, 1 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MAHVSSETQDVSPKDELTAASEASTRSPICEHTFPGDSDLRSMIEEHAFQVLSQGSLLESPTSIV CVSEPDKDDDFLSLNFPRKLWKVESDQFKSISWD
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (55); Rat (53)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of HSFY1 expression in transfected 293T cell line by HSFY1 monoclonal antibody (M10), clone 1D2.

Lane 1: HSFY1 transfected lysate(45.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSFY1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HSFY1

Entrez GeneID	<a href="#">86614</a>
GeneBank Accession#	<a href="#">NM_001001871</a>
Protein Accession#	<a href="#">NP_001001871.1</a>
Gene Name	HSFY1
Gene Alias	HSF2L, HSFY
Gene Description	heat shock transcription factor, Y-linked 1
Omim ID	<a href="#">400029</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a member of the heat shock factor (HSF) family of transcriptional activators for heat shock proteins. This gene is a candidate gene for azoospermia, since it localizes to a region of chromosome Y that is sometimes deleted in infertile males. The genome has two identical copies of this gene within a palindromic region; this record represents the more centromeric copy. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000038978 heat shock transcription factor 2-like