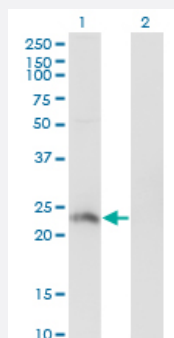


HSFY2 monoclonal antibody (M02), clone 4B7

Catalog # H00159119-M02

Size 100 ug

Applications

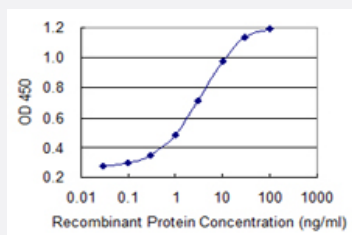


Western Blot (Transfected lysate)

Western Blot analysis of HSFY2 expression in transfected 293T cell line by HSFY2 monoclonal antibody (M02), clone 4B7.

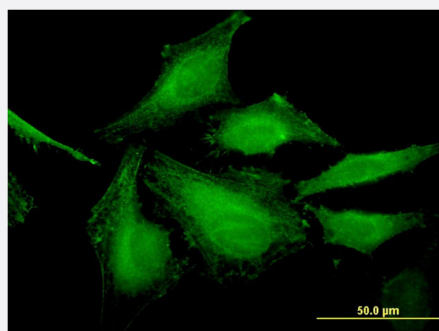
Lane 1: HSFY2 transfected lysate (Predicted MW: 23.4 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSFY2 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to HSFY2 on HeLa cell . [antibody concentration 10 ug/ml]

Western Blot detection against Immunogen (36.74 KDa) .

□

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HSFY2.
Immunogen	HSFY2 (NP_714927.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAHVSSETQDVSPKDELTAASEASTRSPICEHTFPGDSDLRSMIEEHAFQVLSQGSLLLESPSYTV CVSEPDKDDDFLSLNFPRKLWKIVESDQFKSISWDE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of HSFY2 expression in transfected 293T cell line by HSFY2 monoclonal antibody (M02), clone 4B7.

Lane 1: HSFY2 transfected lysate (Predicted MW: 23.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSFY2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HSFY2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — HSFY2

Entrez GeneID [159119](#)

GeneBank Accession# [NM_153716](#)

Protein Accession# [NP_714927.1](#)

Gene Name HSFY2

Gene Alias FLJ25453, HSF2L, HSFY

Gene Description heat shock transcription factor, Y linked 2

Gene Ontology [Hyperlink](#)

Gene Summary 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 telomeric copy. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000038975|heat shock transcription factor 2-like