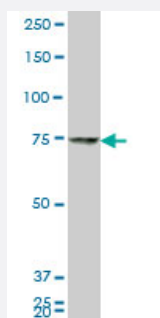


# HNRPM monoclonal antibody (M01), clone 2B6

Catalog # H00004670-M01

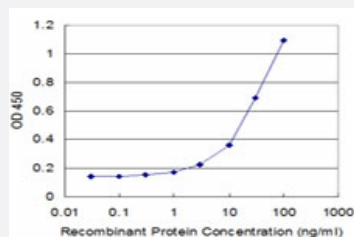
Size 100 ug

## Applications



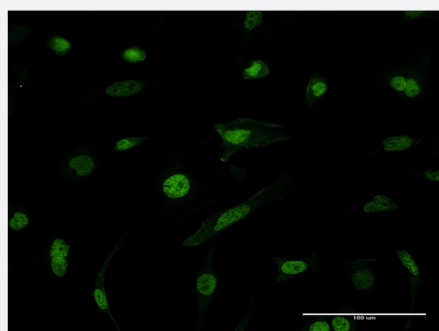
### Western Blot (Cell lysate)

HNRPM monoclonal antibody (M01), clone 2B6. Western Blot analysis of HNRPM expression in HepG2 ( Cat # L019V1 ).



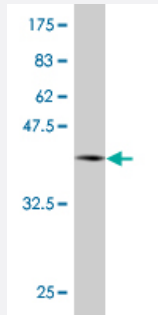
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HNRPM is approximately 1ng/ml as a capture antibody.



### Immunofluorescence

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



Western Blot detection against Immunogen (36.3 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant HNRPM.
<b>Immunogen</b>	HNRPM (NP_005959, 17 a.a. ~ 112 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	KMEEESGAPGVPSGNGAPGPKGEGERPAQNEKRKEKNIKRGGNRFEPYANPTKRYRAFITNIPF DVKWQSLKDLVKEKVGEVTYVELLMDAEGKSR
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (96)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 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 (Cell lysate)

HNRPM monoclonal antibody (M01), clone 2B6. Western Blot analysis of HNRPM expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HNRPM is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

## Gene Info — HNRNPM

Entrez GeneID [4670](#)

GeneBank Accession# [NM\\_005968](#)

Protein Accession# [NP\\_005959](#)

Gene Name HNRNPM

Gene Alias DKFZp547H118, HNRNPM4, HNRPM, HNRPM4, HTGR1, NAGR1

Gene Description heterogeneous nuclear ribonucleoprotein M

Omim ID [160994](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Multiple alternatively spliced transcript variants are known for this gene but only two transcripts have been isolated. [provided by RefSeq]

**Other Designations**

M4 protein|N-acetylglucosamine receptor 1|heterogeneous nuclear ribonucleoprotein M|heterogeneous nuclear ribonucleoprotein M4|hnRNA-binding protein M4