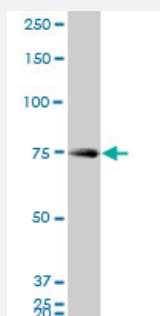


# HNRPM monoclonal antibody (M03), clone 3F7

Catalog # H00004670-M03

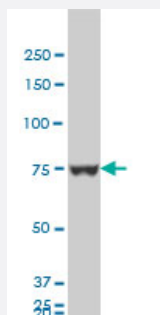
Size 100 ug

## Applications



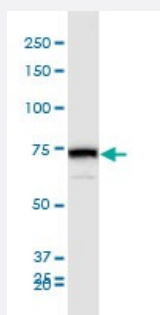
### Western Blot (Cell lysate)

HNRPM monoclonal antibody (M03), clone 3F7. Western Blot analysis of HNRPM expression in PC-12(Cat # L012V1 ).



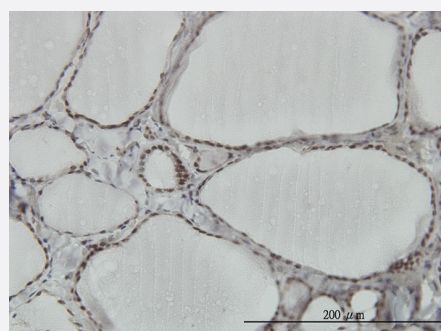
### Western Blot (Cell lysate)

HNRPM monoclonal antibody (M03), clone 3F7 Western Blot analysis of HNRPM expression in HepG2 ( Cat # L019V1 ).



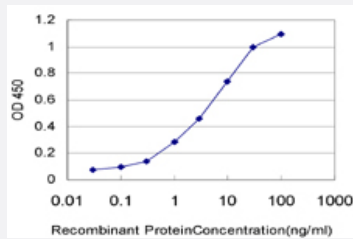
### Western Blot (Cell lysate)

HNRPM monoclonal antibody (M03), clone 3F7. Western Blot analysis of HNRPM expression in A-431.



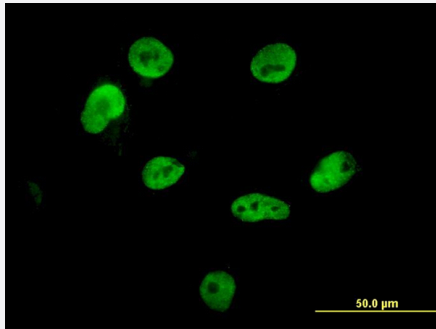
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HNRPM on formalin-fixed paraffin-embedded human thyroid nodular goiter. [antibody concentration 3 ug/ml]



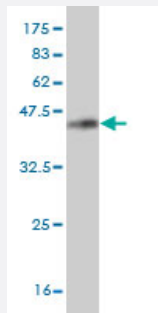
## Sandwich ELISA (Recombinant protein)

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



## Immunofluorescence

Immunofluorescence of monoclonal antibody to HNRPM on HepG2 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 DVKWQSLKDLVKEKVGVEVTYVELLMDAEGKSR
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (96)
<b>Isotype</b>	IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.3 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)

HNRPM monoclonal antibody (M03), clone 3F7. Western Blot analysis of HNRPM expression in PC-12(Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

HNRPM monoclonal antibody (M03), clone 3F7 Western Blot analysis of HNRPM expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

HNRPM monoclonal antibody (M03), clone 3F7. Western Blot analysis of HNRNPM expression in A-431.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HNRPM on formalin-fixed paraffin-embedded human thyroid nodular goiter.  
[antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HNRPM on HepG2 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

## Publication Reference

- [hnRNPM, a potential mediator of YY1 in promoting the epithelial-mesenchymal transition of prostate cancer cells.](#)

Yang T, An Z, Zhang C, Wang Z, Wang X, Liu Y, Du E, Liu R, Zhang Z, Xu Y.

Prostate 2019 Aug; 79(11):1199.

Application: IHC-P, WB-Ce, WB-Ti, Human, C4-2, DU 145, H660, LNCaP, PC-3 cells, Prostate cancer

- [Network Clustering Revealed the Systemic Alterations of Mitochondrial Protein Expression.](#)

Jeon J, Jeong JH, Baek JH, Koo HJ, Park WH, Yang JS, Yu MH, Kim S, Pak YK.

PLoS Computational Biology 2011 Jun; 7(6):e1002093.

Application: WB-Ce, Human, 143B TK- osteosarcoma cells