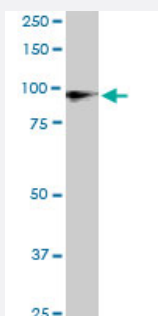


# UBTF monoclonal antibody (M04), clone 2D8

Catalog # H00007343-M04

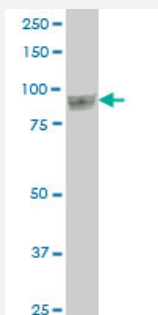
Size 100 ug

## Applications



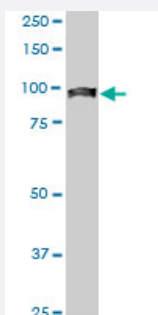
### Western Blot (Cell lysate)

UBTF monoclonal antibody (M04), clone 2D8. Western Blot analysis of UBTF expression in NIH/3T3 (Cat # L018V1).



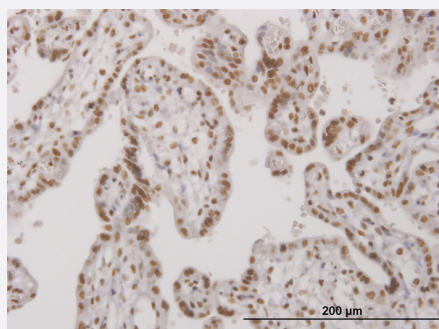
### Western Blot (Cell lysate)

UBTF monoclonal antibody (M04), clone 2D8 Western Blot analysis of UBTF expression in HepG2 (Cat # L019V1).



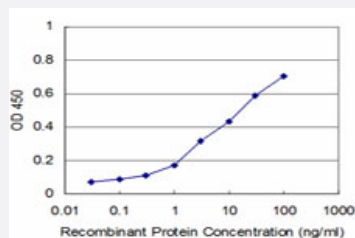
### Western Blot (Cell lysate)

UBTF monoclonal antibody (M04), clone 2D8. Western Blot analysis of UBTF expression in PC-12 (Cat # L012V1).



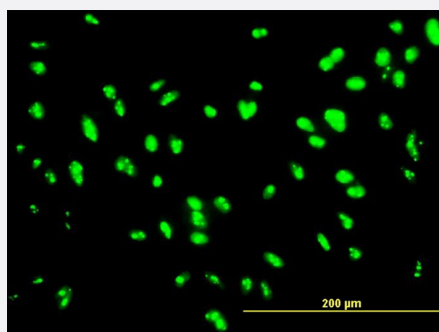
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to UBTF on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



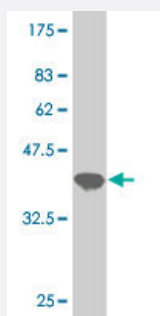
## Sandwich ELISA (Recombinant protein)

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



## Immunofluorescence

Immunofluorescence of monoclonal antibody to UBTF on HepG2 cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant UBTF.
<b>Immunogen</b>	UBTF (NP_055048, 551 a.a. ~ 650 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	PPAATNSSKKMKFQGEPKKPPMNGYQKFSQELLSNGELNHLPLKERMVEIGSRWQRISQSQKEH YKKLAEEQQKQYKVHLDLWVKSLSPQDRAAYKEYIS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Interspecies Antigen Sequence</b>	Mouse (99); Rat (99)
<b>Isotype</b>	IgG1 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 (Cell lysate)

UBTF monoclonal antibody (M04), clone 2D8. Western Blot analysis of UBTF expression in NIH/3T3(Cat # L018V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

UBTF monoclonal antibody (M04), clone 2D8 Western Blot analysis of UBTF expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

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[Protocol Download](#)

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[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to UBTF on HepG2 cell. [antibody concentration 10 ug/ml]

## Gene Info — UBTF

**Entrez GeneID** [7343](#)**GeneBank Accession#** [NM\\_014233](#)**Protein Accession#** [NP\\_055048](#)**Gene Name** UBTF**Gene Alias** NOR-90, UBF**Gene Description** upstream binding transcription factor, RNA polymerase I**Omim ID** [600673](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** Upstream binding factor (UBF) is a transcription factor required for expression of the 18S, 5.8S, and 28S ribosomal RNAs, along with SL1 (a complex of TBP (MIM 600075) and multiple TBP-associated factors or 'TAFs'). Two UBF polypeptides, of 94 and 97 kD, exist in the human (Bell et al., 1988 [PubMed 3413483]). UBF is a nucleolar phosphoprotein with both DNA binding and transactivation domains. Sequence-specific DNA binding to the core and upstream control elements of the human rRNA promoter is mediated through several HMG boxes (Jantzen et al., 1990 [PubMed 2330041]).[supplied by OMIM]

**Other Designations** -