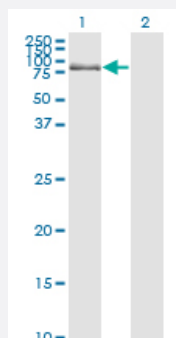


DBF4 monoclonal antibody (M01), clone 6G9

Catalog # H00010926-M01

Size 100 ug

Applications

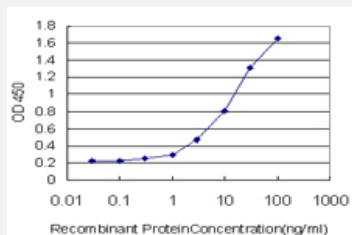


Western Blot (Transfected lysate)

Western Blot analysis of DBF4 expression in transfected 293T cell line by DBF4 monoclonal antibody (M01), clone 6G9.

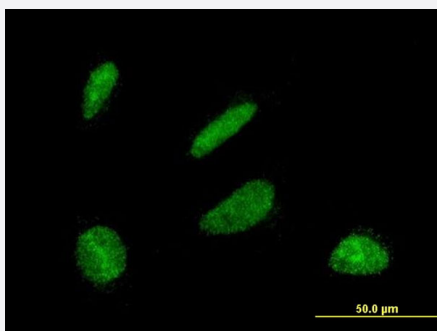
Lane 1: DBF4 transfected lysate (76.9 KDa).

Lane 2: Non-transfected lysate.



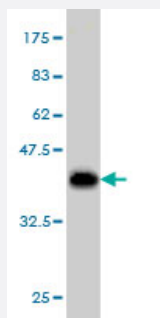
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DBF4 is approximately 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to DBF4 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DBF4.
Immunogen	DBF4 (NP_006707, 2 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NSGAMRIHSGHFGGGIQVKNEKNRPSLKS LKTDNRPEKSKCKPLWGKVFYLDLP SVTISEKLQK DIKDLGGRVEEF LSKDISYLSNKKEAKFAQT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 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 DBF4 expression in transfected 293T cell line by DBF4 monoclonal antibody (M01), clone 6G9.

Lane 1: DBF4 transfected lysate(76.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DBF4 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to DBF4 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — DBF4

Entrez GeneID	10926
GeneBank Accession#	NM_006716
Protein Accession#	NP_006707
Gene Name	DBF4
Gene Alias	ASK, CHIF, DBF4A, ZDBF1
Gene Description	DBF4 homolog (S. cerevisiae)
Omim ID	604281
Gene Ontology	Hyperlink
Gene Summary	DBF-type containing 1
Other Designations	OTTHUMP00000161661 activator of S phase kinase chiffon homolog zinc finger, DBF-type containing 1

Publication Reference

- [The LEDGF/p75 Integrase Binding Domain Interactome Contributes to the Survival, Clonogenicity, and Tumorsphere Formation of Docetaxel-Resistant Prostate Cancer Cells.](#)

Greisha L Ortiz-Hernandez, Evelyn S Sanchez-Hernandez, Pedro T Ochoa, Catherine C Elix, Hossam R Alkashgari, James R W McMullen, Ubaldo Soto, Shannalee R Martinez, Carlos J Diaz Osterman, Michael Mahler, Sourav Roy, Carlos A Casiano.

Cells 2021 Oct; 10(10):2723.

Application: WB-Tr, Human, DU145, PC-3 cells

- [Transcriptional Co-activator LEDGF interacts with Cdc7-activator of S-phase kinase \(ASK\) and stimulates its enzymatic activity.](#)

Hughes S, Jenkins V, Dar MJ, Engelman A, Cherepanov P.

The Journal of Biological Chemistry 2010 Jan; 285(1):541.

Application: WB-Ce, Human, HEK 293T cells

Pathway

- [Cell cycle](#)

Disease

- [Kidney Failure](#)