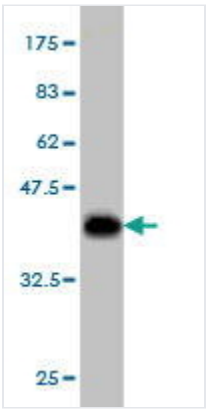
DBF4 Antibody – Mouse Monoclonal

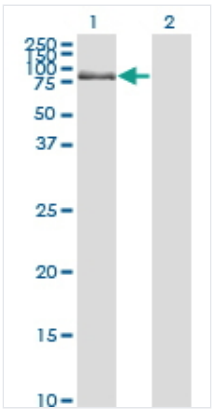
PRODUCT OVERVIEW

Product Name	DBF4, Monoclonal Antibody
Full Product Name	DBF4 (Protein DBF4 Homolog A, Activator of S Phase Kinase, DBF4-type Zinc Finger-containing Protein 1, Chiffon Homolog A, ASK, DBF4A, ZDBF1) (FITC)
Product Gene Name	anti-DBF4 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6G9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human DBF4.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
OMIM	604281
3D Structure	ModBase 3D Structure for Q9UBU7
Immunogen	Partial recombinant corresponding to aa2-99 from human DBF4 (NP_006707) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NSGAMRIHSKGHFQGGIQVKNEKNRPSLKSLKTDNRPEKSKCKPLWGKVFYLDLPSVTISEKLQKDIKDLGGRVEEFLSKDISYLISNKKEAKFAQT
Conjugate	FITC
Product Categories/Family for anti-DBF4 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-DBF4 antibody	ELISA (EIA), Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-DBF4 antibody	IF: 10ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-DBF4 antibody	MBS6146776 is an antibody targeting DBF4. Also known as DBF4 (Protein DBF4 Homolog A, Activator of S Phase Kinase, DBF4-type Zinc Finger-containing Protein 1, Chiffon Homolog A, ASK, DBF4A, ZDBF1) (FITC). Reactive in Human. Host: Mouse.

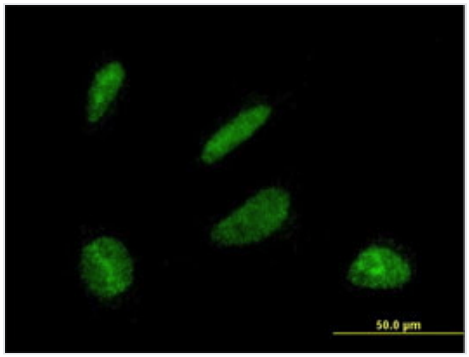
Other Notes	Small volumes of anti-DBF4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



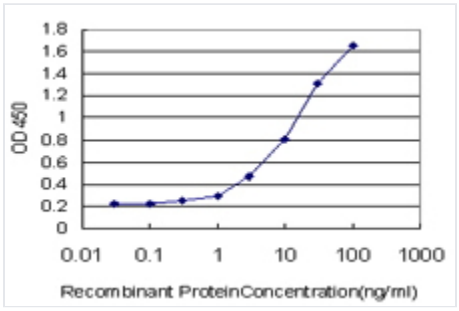
Western Blot (WB) of anti-DBF4 antibody
Western Blot detection against Immunogen (36.78kD).



Western Blot (WB) of anti-DBF4 antibody
Western Blot analysis of DBF4 expression in transfected 293T cell line by DBF4 monoclonal antibody Lane 1: DBF4 transfected lysate (76.9kD). Lane 2: Non-transfected lysate.



Immunofluorescence (IF) of anti-DBF4 antibody
Immunofluorescence of monoclonal antibody to DBF4 on HeLa cell. [antibody concentration 10ug/ml].



Testing Data of anti-DBF4 antibody
Detection limit for recombinant GST tagged DBF4 is ~0.1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DBF4. It may not necessarily be applicable to this product.

NCBI GI #	5729734
NCBI GeneID	10926
NCBI Accession #	NP_006707
UniProt Primary Accession #	Q9UBU7
UniProt Related Accession #	Q9UBU7
GenBank Nucleotide #	NM_006716
NCBI Official Full Name	protein DBF4 homolog A isoform 1
NCBI Official Synonym Full Names	DBF4 zinc finger
NCBI Official Symbol	DBF4
NCBI Official Synonym Symbols	ASK; CHIF; DBF4A; ZDBF1
UniProt Protein Name	Protein DBF4 homolog A
UniProt Synonym Protein Names	Activator of S phase kinase; Chiffon homolog A; DBF4-type zinc finger-containing protein 1
Protein Family	DDK kinase regulatory

UniProt Gene Name	DBF4
UniProt Synonym Gene Names	ASK; DBF4A; ZDBF1
UniProt Entry Name	DBF4A_HUMAN
NCBI Protein Information	protein DBF4 homolog A
UniProt Comments for DBF4	DBF4: DBF4 Protein type: Cell cycle regulation; Protein kinase, regulatory subunit Chromosomal Location of Human Ortholog: 7q21.3 Cellular Component: nucleoplasm Molecular Function: nucleic acid binding; zinc ion binding; enzyme activator activity Biological Process: positive regulation of catalytic activity; mitotic cell cycle; DNA replication; G1/S transition of mitotic cell cycle
Research Articles on DBF4	**1.** High DBF4 expression is associated with oral cancer.
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