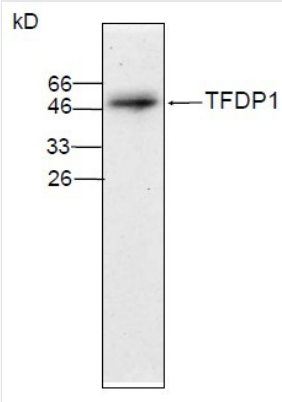
TFDP1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TFDP1, Monoclonal Antibody
Full Product Name	TFDP1 Antibody
Product Gene Name	anti-TFDP1 antibody
Clonality	Monoclonal
Isotype	IgG1
Host	Mouse
Form/Format	Each vial contains 100 ug IgG in 100 ul of citrate-tris-HCl buffer pH7.0 with 0.02% Proclin 300.
Specificity	Anti-TFDP1 recognizes TFDP1 expression in Hela whole cell lysate.
Preparation and Storage	The antibody may be stored at-20 degree C for one year in its original formulation. Additionally, antibody may be stored at 2 degree C to 8 degree C for up to 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles of the diluted antibody.
Molecular Weight	34,921 Da
OMIM	189902
3D Structure	ModBase 3D Structure for Q14186
Immunogen	Recombinant protein corresponding to full length TFDP1.
Product Categories/Family for anti-TFDP1 antibody	Plant antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TFDP1 antibody	ELISA (EIA), Western Blot (WB-Ce)
Related Product Information for anti-TFDP1 antibody	Purified mouse monoclonal antibody generated using E Coli expressed recombinant protein TFDP1 as immunogen.
Other Notes	Small volumes of anti-TFDP1 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.
Searchable Terms for TFDP1 purchase	MBS851320 is an antibody targeting TFDP1. Also known as TFDP1 Antibody. Host: Mouse.



Testing Data of anti-TFDP1 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFDP1. It may not necessarily be applicable to this product.

NCBI GI #	6005900
NCBI GeneID	7027
NCBI Accession #	NP_009042.1
UniProt Primary Accession #	Q14186
UniProt Secondary Accession #	Q5JSB4; Q8IZL5; B4DLQ9
UniProt Related Accession #	Q14186
GenBank Nucleotide #	NM_007111
NCBI Official Full Name	transcription factor Dp-1
NCBI Official Synonym Full Names	transcription factor Dp-1
NCBI Official Symbol	TFDP1
NCBI Official Synonym Symbols	DP1; DILC; Dp-1; DRTF1
UniProt Protein Name	Transcription factor Dp-1
UniProt Synonym Protein Names	DRTF1-polypeptide 1; DRTF1; E2F dimerization partner 1
Protein Family	Transcription factor
UniProt Gene Name	TFDP1
UniProt Synonym Gene Names	DP1; DRTF1
NCBI Protein Information	transcription factor Dp-1
NCBI Summary for TFDP1	This gene encodes a member of a family of transcription factors that heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. The encoded protein functions as part of this complex to control the transcriptional activity of numerous genes involved in cell cycle progression from G1 to S phase. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1, 15, and X.[provided by RefSeq, Jan 2009]
UniProt Comments for TFDP1	Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication (PubMed:8405995, PubMed:7739537). The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters (PubMed:20176812).
Research Articles on TFDP1	**1.** COMMD9 participates in TFDP1/E2F1 activation and plays a critical role in non-small cell lung cancer.

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