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# TFDP3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant TFDP3.
Catalog # AT4218a

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q5H9I0 |
| **Other Accession** | NM_016521 |
| **Reactivity** | Human, Mouse |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 3F11 |
| **Calculated MW** | 44967 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 51270 |
| **Other Names** | Transcription factor Dp family member 3, Cancer/testis antigen 30, CT30, Hepatocellular carcinoma-associated antigen 661, TFDP3, DP4, HCA661 |
| **Target/Specificity** | TFDP3 (NP_057605, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 |
| **Format** | Clear, colorless solution in phosphate buffered saline, pH 7.2 . |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Precautions** | TFDP3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Background

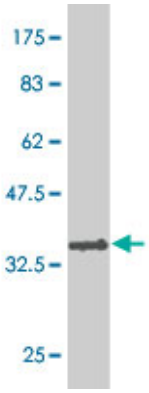
This gene encodes a member of the DP family of transcription factors. These factors heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. This protein functions as a negative regulator and inhibits the DNA binding and transcriptional activities of E2F factors.

## References

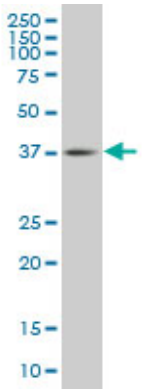
TFDP3 inhibits E2F1-induced, p53-mediated apoptosis. Tian C, et al. Biochem Biophys Res Commun, 2007 Sep 14. PMID 17632080.Human TFDP3, a novel DP protein, inhibits DNA binding and transactivation by E2F.

Qiao H, et al. J Biol Chem, 2007 Jan 5. PMID 17062573.A functionally distinct member of the DP family of E2F subunits. Milton A, et al. Oncogene, 2006 May 25. PMID 16418725.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.Large scale identification of human hepatocellular carcinoma-associated antigens by autoantibodies. Wang Y, et al. J Immunol, 2002 Jul 15. PMID 12097419.

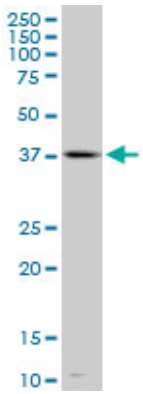
## Images




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .




TFDP3 monoclonal antibody (M02), clone 3F11 Western Blot analysis of TFDP3 expression in IMR-32 ( (Cat # AT4218a )




TFDP3 monoclonal antibody (M02), clone 3F11. Western Blot analysis of TFDP3 expression in NIH/3T3((Cat # AT4218a )

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.