

## TFDP3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TFDP3.

Catalog # AT4217a

### Product Information

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|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IF, E                 |
| Primary Accession | <a href="#">Q5H9I0</a>    |
| Other Accession   | <a href="#">NM_016521</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | monoclonal                |
| Isotype           | IgG2a Kappa               |
| Clone Names       | 1F11                      |
| Calculated MW     | 44967                     |

### Additional Information

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|                    |                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 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 IF~~1:50~200 E~~N/A                                                                                                           |
| 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) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.                          |

### Background

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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.

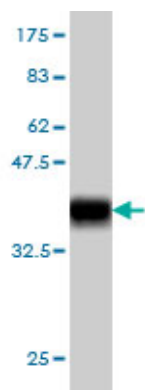
### References

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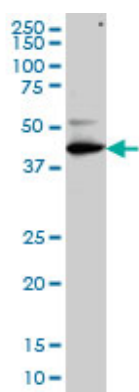
TFDP3 inhibits E2F1-induced, p53-mediated apoptosis. Tian C, et al. Biochem Biophys Res Commun, 2007 Sep 14. PMID 17632080. Human TFDP3, a novel DP protein, inhibits DNA binding and transactivation by E2F.

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.

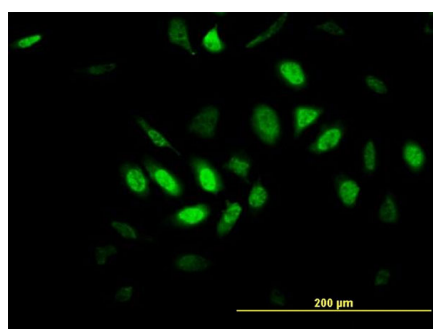
## Images



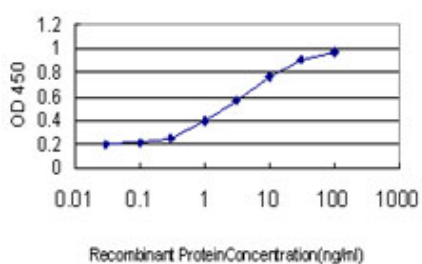
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



TFDP3 monoclonal antibody (M01), clone 1F11 Western Blot analysis of TFDP3 expression in IMR-32 (Cat # AT4217a )



Immunofluorescence of monoclonal antibody to TFDP3 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged TFDP3 is approximately 0.03ng/ml as a capture antibody.

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