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TFDP3 Antibody (monoclonal) (M02)

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

Specification

TFDP3 Antibody (monoclonal) (M02) - Product Information

Application	**WB**
Primary Accession	Q5H9I0
Other Accession	NM_016521
Reactivity	**Human, Mouse**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**44967**

TFDP3 Antibody (monoclonal) (M02) - 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.

TFDP3 Antibody (monoclonal) (M02) - Protocols

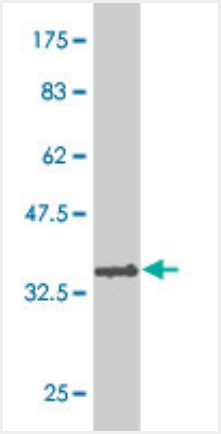
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

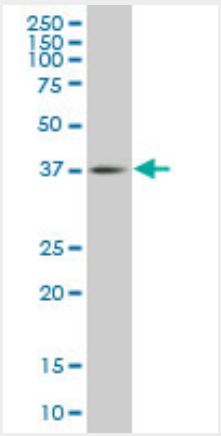
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

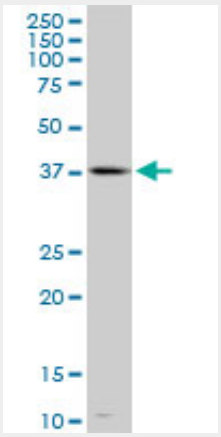
TFDP3 Antibody (monoclonal) (M02) - Images



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)



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

TFDP3 Antibody (monoclonal) (M02) - 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.

TFDP3 Antibody (monoclonal) (M02) - 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.