

**TGFB1I1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant TGFB1I1.

Catalog # AT4227a

**Specification**

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**TGFB1I1 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O43294</a>
Other Accession	<a href="#">BC032545</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	49814

**TGFB1I1 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 7041

**Other Names**

Transforming growth factor beta-1-induced transcript 1 protein, Androgen receptor coactivator 55 kDa protein, Androgen receptor-associated protein of 55 kDa, Hydrogen peroxide-inducible clone 5 protein, Hic-5, TGFB1I1, ARA55

**Target/Specificity**

TGFB1I1 (AAH32545, 1 a.a. ~ 444 a.a) full-length 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**

TGFB1I1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

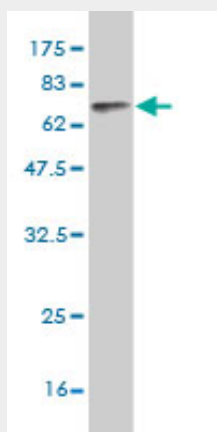
**TGFB1I1 Antibody (monoclonal) (M01) - Protocols**

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

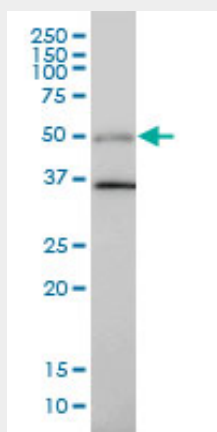
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

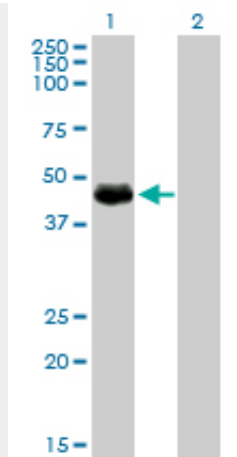
#### **TGFB1I1 Antibody (monoclonal) (M01) - Images**



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.58 kDa) .



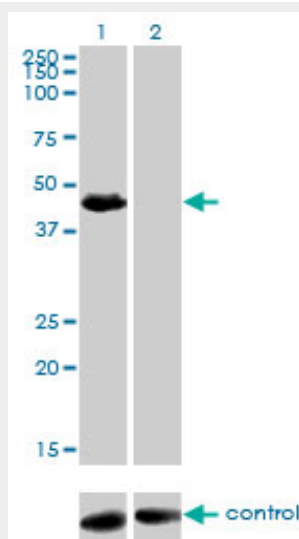
TGFB1I1 monoclonal antibody (M01), clone 4B2-D8 Western Blot analysis of TGFB1I1 expression in Hela ( (Cat # AT4227a )



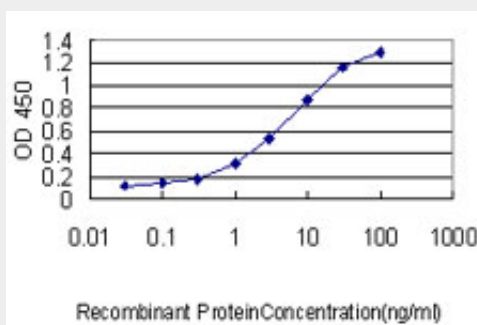
Western Blot analysis of TGFB1I1 expression in transfected 293T cell line by TGFB1I1 monoclonal antibody (M01), clone 4B2-D8.

Lane 1: TGFB1I1 transfected lysate(47.9 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of TGFB1I1 over-expressed 293 cell line, cotransfected with TGFB1I1 Validated Chimera RNAi (Cat # AT4227a)



Detection limit for recombinant GST tagged TGFB1I1 is approximately 0.03ng/ml as a capture antibody.

#### TGFB1I1 Antibody (monoclonal) (M01) - Background

This gene encodes a coactivator of the androgen receptor, a transcription factor which is activated by androgen and has a key role in male sexual differentiation. The encoded protein is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

#### **TGFB111 Antibody (monoclonal) (M01) - References**

Paxillin and hydrogen peroxide-inducible clone 5 expression and distribution in control and Alzheimer disease hippocampi. Caltagarone J, et al. J Neuropathol Exp Neurol, 2010 Apr. PMID 20448481. In vitro and in vivo evidence of pathogenic roles of Hic-5/ARA55 in keloids through Smad pathway and profibrotic transcription. Inui S, et al. J Dermatol Sci, 2010 May. PMID 20395114. Slit2-Robo4 signalling promotes vascular stability by blocking Arf6 activity. Jones CA, et al. Nat Cell Biol, 2009 Nov. PMID 19855388. The progesterone receptor coactivator Hic-5 is involved in the pathophysiology of endometriosis. Aghajanova L, et al. Endocrinology, 2009 Aug. PMID 19389829. Smad7 is inactivated through a direct physical interaction with the LIM protein Hic-5/ARA55. Wang H, et al. Oncogene, 2008 Nov 20. PMID 18762808.