

# TGFB1I1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TGFB1I1.

Catalog # AT4227a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O43294</a>
<b>Other Accession</b>	<a href="#">BC032545</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	4B2-D8
<b>Calculated MW</b>	49814

## Additional Information

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<b>Gene ID</b>	7041
<b>Other Names</b>	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
<b>Target/Specificity</b>	TGFB1I1 (AAH32545, 1 a.a. ~ 444 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	TGFB1I1 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 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.

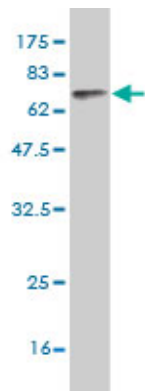
## References

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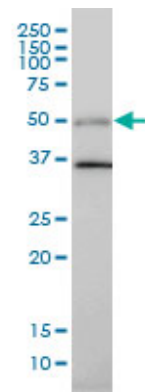
Paxillin and hydrogen peroxide-inducible clone 5 expression and distribution in control and Alzheimer

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.

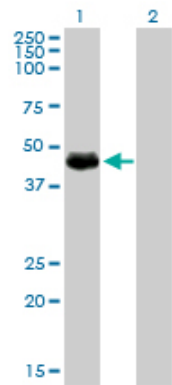
## Images



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

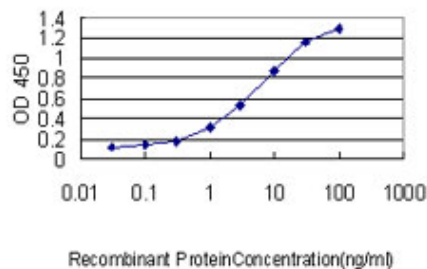


TGFB1I1 monoclonal antibody (M01), clone 4B2-D8  
Western Blot analysis of TGFB1I1 expression in HeLa (Cat # AT4227a )

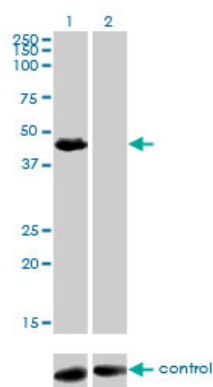


Western Blot analysis of TGFB1I1 expression in transfected 293T cell line by TGFB1I1 monoclonal antibody (M01), clone 4B2-D8.

Lane 1: TGFB1I1 transfected lysate(47.9 KDa).  
Lane 2: Non-transfected lysate.



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



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

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