

# SMARCB1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SMARCB1.

Catalog # AT3950a

## Product Information

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<b>Application</b>	WB, IHC, E
<b>Primary Accession</b>	<a href="#">Q12824</a>
<b>Other Accession</b>	<a href="#">NM_003073</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	3E11
<b>Calculated MW</b>	44141

## Additional Information

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<b>Gene ID</b>	6598
<b>Other Names</b>	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1, BRG1-associated factor 47, BAF47, Integrase interactor 1 protein, SNF5 homolog, hSNF5, SMARCB1, BAF47, INI1, SNF5L1
<b>Target/Specificity</b>	SMARCB1 (NP_003064, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 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>	SMARCB1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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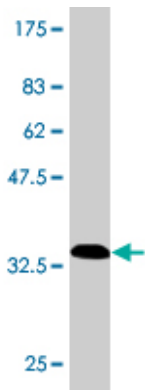
The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Two transcript variants encoding different isoforms have been found for this gene.

## References

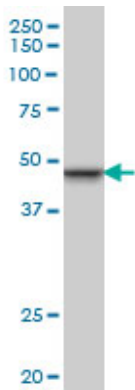
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1.IGFBP7 Is Not Required for B-RAF-Induced Melanocyte Senescence.Scurr LL, Pupo GM, Becker TM, Lai K, Schrama D, Haferkamp S, Irvine M, Scolyer RA, Mann GJ, Becker JC, Kefford RF, Rizos H.Cell. 2010 May 14;141(4):717-27.

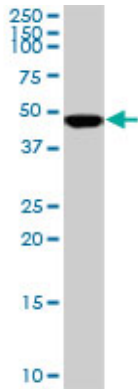
Images



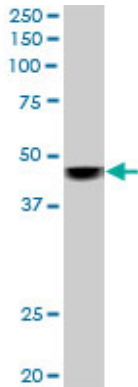
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



SMARCB1 monoclonal antibody (M01), clone 3E10  
Western Blot analysis of SMARCB1 expression in PC-12 (Cat # AT3950a )

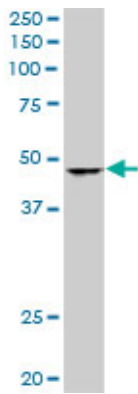


SMARCB1 monoclonal antibody (M01), clone 3E10.  
Western Blot analysis of SMARCB1 expression in Hela S3 NE (Cat # AT3950a )

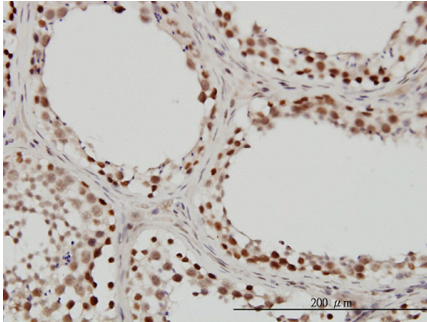


SMARCB1 monoclonal antibody (M01), clone 3E10.  
Western Blot analysis of SMARCB1 expression in Raw 264.7 (Cat # AT3950a )

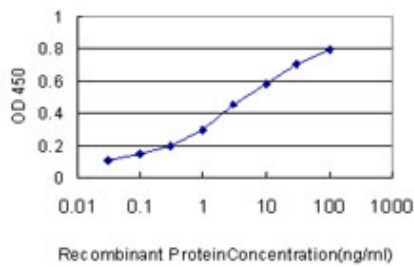
SMARCB1 monoclonal antibody (M01), clone 3E10.



Western Blot analysis of SMARCB1 expression in NIH/3T3  
(Cat # AT3950a)



Immunoperoxidase of monoclonal antibody to SMARCB1  
on formalin-fixed paraffin-embedded human testis.  
[antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SMARCB1 is  
approximately 0.03ng/ml as a capture antibody.

## Citations

- [Rhabdoid papillary meningioma: a clinicopathologic case series study.](#)

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