

**RBM9 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant RBM9.

Catalog # AT3593a

**Specification**

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**RBM9 Antibody (monoclonal) (M01) - Product Information**

Application	IF, WB, IHC, E
Primary Accession	<a href="#">O43251</a>
Other Accession	<a href="#">BC013115</a>
Reactivity	Human, Mouse
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	41374

**RBM9 Antibody (monoclonal) (M01) - Additional Information**

Gene ID 23543

**Other Names**

RNA binding protein fox-1 homolog 2, Fox-1 homolog B, Hexaribonucleotide-binding protein 2, RNA-binding motif protein 9, RNA-binding protein 9, Repressor of tamoxifen transcriptional activity, RBFOX2, FOX2, HRNBP2, RBM9, RTA

**Target/Specificity**

RBM9 (AAH13115, 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**

RBM9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

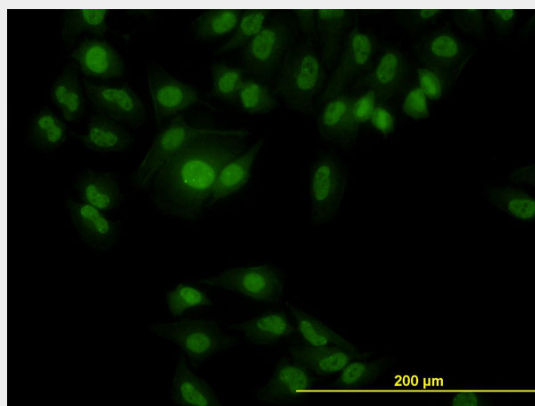
**RBM9 Antibody (monoclonal) (M01) - Protocols**

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

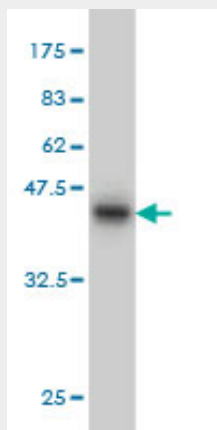
- [Western Blot](#)
- [Blocking Peptides](#)

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

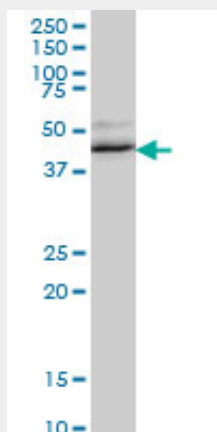
### RBM9 Antibody (monoclonal) (M01) - Images



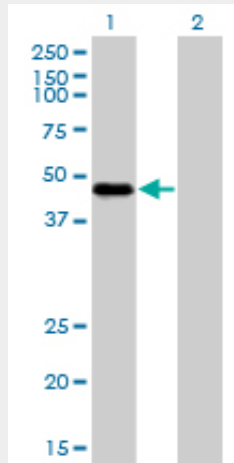
Immunofluorescence of monoclonal antibody to RBM9 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .

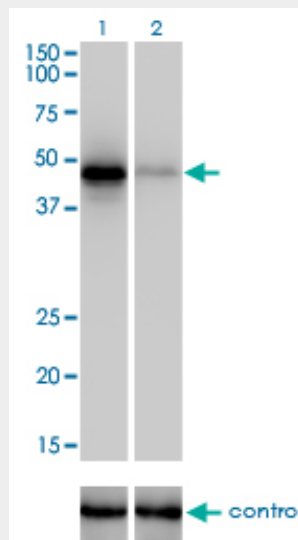


RBM9 monoclonal antibody (M01), clone 4G3 Western Blot analysis of RBM9 expression in NIH/3T3 ( (Cat # AT3593a )

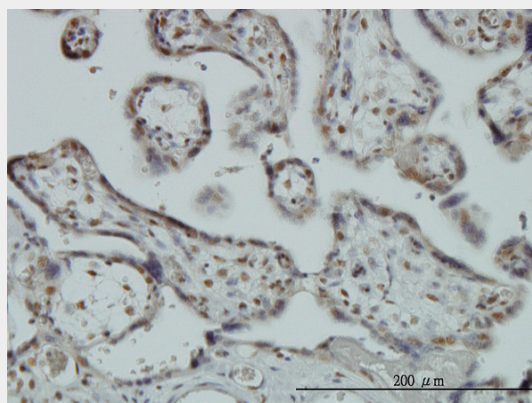


Western Blot analysis of RBM9 expression in transfected 293T cell line by RBM9 monoclonal antibody (M01), clone 4G3.

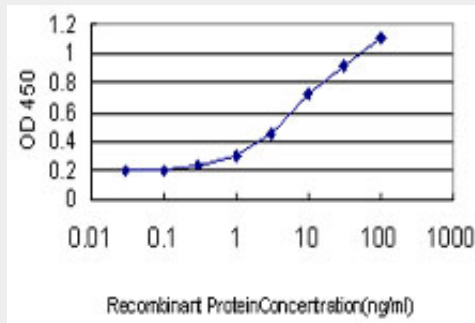
Lane 1: RBM9 transfected lysate(40.4 KDa).  
Lane 2: Non-transfected lysate.



Western blot analysis of RBM9 over-expressed 293 cell line, cotransfected with RBM9 Validated Chimera RNAi ( (Cat # AT3593a )



Immunoperoxidase of monoclonal antibody to RBM9 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged RBM9 is approximately 0.1ng/ml as a capture antibody.

### **RBM9 Antibody (monoclonal) (M01) - Background**

This gene is one of several human genes similar to the *C. elegans* gene Fox-1. This gene encodes an RNA binding protein that is thought to be a key regulator of alternative exon splicing in the nervous system and other cell types. The protein binds to a conserved UGCAUG element found downstream of many alternatively spliced exons and promotes inclusion of the alternative exon in mature transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regulates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isoforms have been found for this gene.

### **RBM9 Antibody (monoclonal) (M01) - References**

1. FOX-2 Dependent Splicing of Ataxin-2 Transcript Is Affected by Ataxin-1 Overexpression. Welzel F, Kaehler C, Isau M, Hallen L, Lehrach H, Krobitsch S. PLoS One. 2012;7(5):e37985. Epub 2012 May 30.