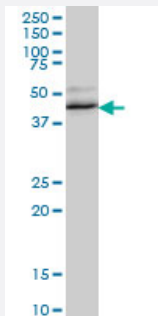


RBM9 monoclonal antibody (M01), clone 4G3

Catalog # H00023543-M01

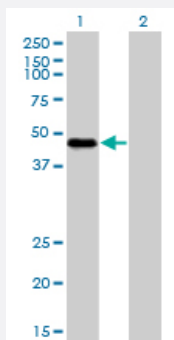
Size 100 ug

Applications



Western Blot (Cell lysate)

RBM9 monoclonal antibody (M01), clone 4G3 Western Blot analysis of RBM9 expression in NIH/3T3 (Cat # L018V1).

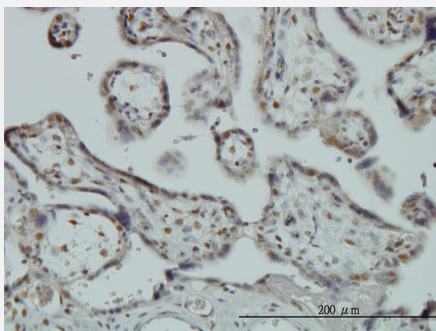


Western Blot (Transfected lysate)

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

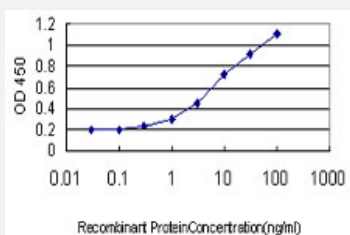
Lane 1: RBM9 transfected lysate(40.4 KDa).

Lane 2: Non-transfected lysate.



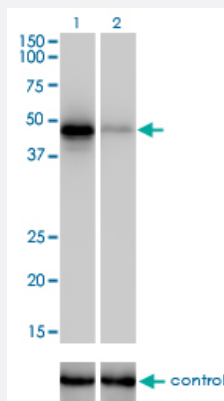
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



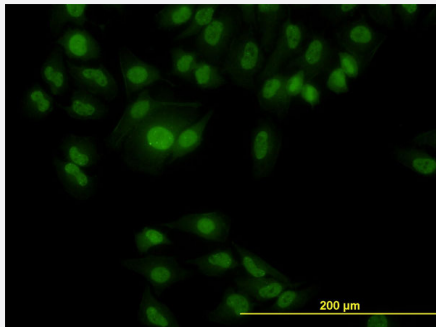
Sandwich ELISA (Recombinant protein)

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



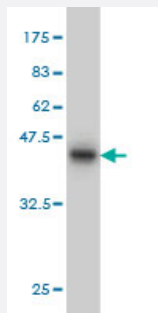
RNAi Knockdown (Antibody validated)

Western blot analysis of RBM9 over-expressed 293 cell line, cotransfected with RBM9 Validated Chimera RNAi (Cat # H00023543-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with RBM9 monoclonal antibody (M01), clone 4G3 (Cat # H00023543-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

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



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RBM9.
Immunogen	RBM9 (AAH13115, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEKKKMVTQGNQEPTTTPDAMVQPFITIPFPPPPQNGIPTEYGVPHQTQDYAGQTGEHNLTYGST QAHGEQSSNSPSTQNGSLTTEGGAQTDGQSQSQS
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RBM9 monoclonal antibody (M01), clone 4G3 Western Blot analysis of RBM9 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of RBM9 over-expressed 293 cell line, cotransfected with RBM9 Validated Chimera RNAi (Cat # H00023543-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with RBM9 monoclonal antibody (M01), clone 4G3 (Cat # H00023543-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

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

Gene Info — RBM9

Entrez GeneID [23543](#)

GeneBank Accession# [BC013115](#)

Protein Accession# [AAH13115](#)

Gene Name RBM9

Gene Alias FOX2, Fox-2, HNRBP2, HRNBP2, RTA, dJ106l20.3, fxh

Gene Description RNA binding motif protein 9

Gene Ontology [Hyperlink](#)

Gene Summary This gene is one of several human genes similar to the C. elegans gene Fox-1. This gene encode s an RNA binding protein that is thought to be a key regulator of alternative exon splicing in the ner vous system and other cell types. The protein binds to a conserved UGCAUG element found dow nstream of many alternatively spliced exons and promotes inclusion of the alternative exon in matu re transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regul ates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isof orms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000028771|fox-1 homologue|hexaribonucleotide binding protein 2|repressor of tam oxifen transcriptional activity

Publication Reference

- [FOX-2 dependent splicing of ataxin-2 transcript is affected by ataxin-1 overexpression.](#)

Welzel F, Kaehler C, Isau M, Hallen L, Lehrach H, Krobisch S.

PLoS One 2012 May; 7(5):e37985.

Application: IF, IP, Human, HEK 293T, HeLa cells