

Mouse anti-Human, Mouse RBM9 Monoclonal Antibody | anti-RBFOX2 antibody

RBM9 (RNA Binding Motif Protein 9, RNA Binding Protein 9, Hexaribonucleotide Binding Protein 2, HRNBP2, Repressor of Tamoxifen Transcriptional Activity, RTA)

CATALOG # AAA14778	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot, Immunohistochemistry, Immunofluorescence
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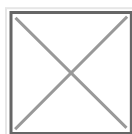
PRODUCT SYNONYMS

RBM9; Monoclonal Antibody; RBM9 (RNA Binding Motif Protein 9; RNA Binding Protein 9; Hexaribonucleotide Binding Protein 2; HRNBP2; Repressor of Tamoxifen Transcriptional Activity; RTA); Anti -RBM9 (RNA Binding Motif Protein 9; anti-RBFOX2 antibody

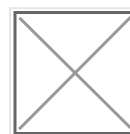
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G3
Specificity	Recognizes human RBM9. Species Crossreactivity: mouse.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	MEKKKMVTQG NQEPTTTPDA MVQPFTTIPF PPPPQNGIPT EYGVPHQTQDY AGQTGEHNLT LYGSTQAHGE QSSNSPSTQN GSLTTEGGAQ TDGQQSQTQS
Applicable Applications for anti-RBFOX2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Suitable for use in Immunofluorescence, ELISA, Western Blot and Immunohistochemistry. Dilution: Immunofluorescence: 10ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 3ug/ml
Immunogen	Partial recombinant corresponding to aa1-100 from RBM9 (AAH13115) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)
Western Blot detection against Immunogen (37kD) .



WB (Western Blot)
RBM9 monoclonal antibody Western Blot analysis of RBM9 expression in NIH/3T3.



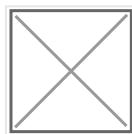
WB (Western Blot)

Western blot analysis of RBM9 over-expressed 293 cell line, cotransfected with RBM9 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with RBM9 monoclonal antibody.



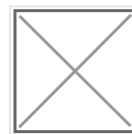
Application Data

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



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-RBFOX2 antibody

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. [provided by RefSeq]

Product Categories/Family for anti-RBFOX2 antibody

[Antibodies](#); [Abs to RNA Binding Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678649
UniProt Accession #	O43251; Q0PRL5; Q0VH35; Q5TF71; Q6IC09; Q8TD00; Q8WYB1; Q96DZ6; A4F5G8; A8K5Z5; B0QYY8; B0QYY9
Molecular Weight	41,374 Da
NCBI Official Full Name	RBM9
UniProt Protein Name	RNA binding protein fox-1 homolog 2
UniProt Gene Name	RBFOX2
UniProt Synonym Gene Names	FOX2; HRNBP2; RBM9; RTA
UniProt Entry Name	RFOX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rbm9-antibody-clone-4g3-western-blot-immunohistochemistry-immunofluorescence-elisa/14778>